

# 11 responses

Accepting responses

## SUMMARY

1. What are your feelings about the quality and quantity of information you received from your instructor regarding Electrical Circuit Wiring?

11 responses

I received good info

The quality was top notch. Mr. graham knows the subject very well and knows how to show the material to any level of understanding

It was fun and very insightful. I learned a good amount

Good

The information was good

No Complaints, all information received was easy to understand and enough to grasp concepts  
Just new to me so i dont get it right away But i will

not enough

I feel both quality and quantity were above average

Good, just a little slower

Its amazing lecture & reading is 2 dimensional, hands on gave me a 3 dimensional aspect and it filled major gaps in my understanding

2. How well did your instructor deliver the material about Electrical Circuit Wiring? 11 responses

great

He delivered the material in a manner that simplifies the work

Excellent

Good

He deliver the material on time

very well, examples given were easy to understand and analogies helpful in remembering concepts

Good he explain it the best he could

good, but not to everybody's needs

very well

step by step

Mr. Graham is a very intelligent and knowledgeable instructor, he simplified the subject to be very understandable

### 3. How did you feel when given the wiring task to complete after your instructor finished the lecture portion of the Electrical Circuit Wiring instruction?<sup>11</sup> responses

good

I personally felt I couldn't do it till Mr. Graham explained it in a way we understood. It was then that I looked at it differently, and was almost able to complete it

Excited and felt like getting right to work

not good

I was a little bit confused when he taught, I did the best that I could

It was my responsibility to fully be able to accomplish what I was tasked to do

Good wish i could get the diagram right

not confident

confident I had the ability to perform the task

Frustrated and uncertain

At first I was lost but that's just me, once I reflected on his teaching, it made sense

### 4. About how long did it take you to wire your physical components correctly after you started the hands-on performance testing?<sup>11</sup> responses

entire class time

The entire class time

the whole class

3 hours

about 3 hours

more than 2 hours

whole class still was not done right

N/A

25 minutes

2 hours 1/2

It took about 1 hr or so, I took my time because I wanted to get it correct

### 5. What did you enjoy most about the lecture-instruction on Electrical Circuit Wiring?<sup>11</sup> responses

hands on (2)

writing was clear -- instruction were clear

I'm not sure

The hands-on portion

some of them. I didn't understand very well

It reinforced the knowledge given/taught from previous lectures

N/A

Transferring theory about wiring / electricity to a circuit that does something

I like hands on because I start getting visual knowledge

I really enjoyed how Mr. Graham breaks down each chapter and makes the subject matter very interesting

## 6. What did you enjoy most about the hands-on performance testing regarding Electrical Circuit Wiring?<sup>11 responses</sup>

hands-on!

Learning from my mistakes and being explained on why the way I wired the circuit did not work

learning how to wire with actual materials

The outcome of my wiring

testing is the best part

To be able to see if I am capable of finishing an actual project by myself

trying to make it work

being hands on

making it work as intended

It works best for me

It was fun over all, but any hands on really gives as I said a 3D perspective and understanding

## 7 What did you enjoy least about the lecture section regarding Electrical Circuit Wiring?<sup>11 responses</sup>

N/A (2)

The problems at the end of each section. I believe I would have understood the material more if we got more in-depth

I didn't have enough hands-on experience to complete circuit

Patience

wiring the wires on the relays and switches

Nothing I did not enjoy

How i didnt get it to work

?

Not knowing the locations

I didn't have any negative thought as to the lecture aspect, but I have always felt this is a course that needs more hands on

## 8. What did you enjoy least about the hands-on performance testing regarding Electrical Circuit Wiring?<sup>11 responses</sup>

messing up, getting frustrated

Nothing, i enjoyed it very much. I learned more than the lecture

I just wish I had more time to finish me circuit properly

Nothing

I enjoyed wiring a little bit

Nothing I did not enjoy

How i didnt get it to work

N/A

Broken light bulb in test tower light

Nothing -- I like it

Nothing, I love it

## 9. Please list any ideas you have about how this electrical wiring instructional experience could be improved.<sup>11 responses</sup>

N/A (4)  
 N/A It was great  
 I think if we went over the problems in each chapter we would get a better understanding  
 I feel that if we got more hands-on work. the hands on portion would come easier  
 more labs  
 I think this experience tests 100% of information taught  
 Study, study, study  
 Needs a lab portion to it

10. I was totally confused about how to wire the physical components from the schematic diagram. 11 responses

1234501233 (27.3%)1 (9.1%)2 (18.2%)3 (27.3%)2 (18.2%)

**Value Count**

1 3  
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1 1  
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12. The teacher fully prepared me to succeed on my hands-on wiring performance test. 11 responses

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**14. Please enter any additional comments you might have regarding the training in electrical circuit wiring.** 11 responses

N/A (6)

I enjoyed the hands on portion of our class. I just feel that with more practice and study I would of known more.

good training

Any errors caused from my carelessness in wiring. Something as careless as placing wires into N.C. position instead of N. O. position should not happen

keep at it, don't give up

Just more hands on!

## Group-C Supplement

### 15 – What are your feelings about the quality and quantity of information you received to prepare you for electrical circuit wiring?<sup>7</sup>

responses

The quality of the information was good.

The Quality is well. So, given there is so much to take in. I personally feel as though I need more time, but can't speak for others.

We only had one wiring project before the electrical circuit. So I feel we didn't receive much information. Need more hands-on and explanation because after a while you forget.

Quality and quantity were more than enough to prepare for electrical circuit wiring. Teaching us how to write node lists helped make the wiring much much easier. All errors come from carelessness and inexperience.

I feel like I get it a little bit, but need ask more questions.

A lot of information at a very rapid pace, and its quality information, but if you don't know what it means, or how it work, it does not profit them.

### 16 – How well did this information prepare you to do the electrical circuit wiring?<sup>7</sup> responses

The information prepared me well for the electrical wiring

I did not understand the diagram, so it took me quite a while. Other students finished quite quickly.

the information we did receive, was helpful

good on the first project but by the second project it had been a while and I forgot how to do it

More than enough. We really only needed how to write node list to make everything easier; however, it was not needed. The schematic was pretty straight forward.

I know more now than when I started the class.

not very well, the hands-on lab classes were more beneficial to me.

### 17 – How well did this instructional information cover methods of circuit wiring?<sup>7</sup> responses

He covered all the methods of circuit wiring clearly

Quite well. As many students nearly completed the project.

it was brief

OK

Unsure what is meant by "method of circuit wiring". If this is regarding the circuit before the wiring test, it was more than enough. All we need is to be able to see where one point goes to.

very good

It covered them, but again the pace was way too fast.

### 18 – Did you know any methods planning and circuit wiring that you did not use? If so, what were they and why did you choose not to use them this time?<sup>7</sup> responses

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No, I did not have any method. Everything I used was off what professor graham taught.

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**19 – Have you ever worked in a job that required electrical wiring, electrical maintenance, or troubleshooting of electrical wiring? If so, please describe it here.** 7 responses

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## 15 – What are your feelings about the quality and quantity of information you received to prepare you for electrical circuit wiring?<sup>19</sup>

responses

I feel that the quality and quantity of information I have received for the electrical circuit wiring is enough to get me started

My feeling are that I feel good about the quality and quantity of information I received to prepare me.

I feel I'm learning and receiving all the right information to prepare me for electrical circuit wiring

I feel that it was the best explanation could've helped us. It was a good refresher on what we've been taught here.

Information was well prepared.

I felt confident that the information was sufficient to prepare me for electrical circuit wiring

Very good, so far all the information received has been amazing and has been really helpful.

The quality was excellent, the quantity was sufficient.

The quality is really good. I hope we can go over it a couple of more times, so everyone is on the same page.

I felt 100% prepared! If I had any problems (which I did) it would have been my own fault, or I equipment was faulty.

I think Im getting enough information that is getting me prepared for the electrical wiring.

I like it both the quality and quantity.

The quality of information that covered electrical circuit wiring was excellent it was thoroughly explained with made it easy to understand, a lot of information was covered and made it easy to understand.

Its bin great. All the things ive been taught I use

The quality and quantity I've received is ample amount of information, I have a good feeling about this class.

I feel the quality of the information is top notch. The information is not overwhelming and the amount of information we've been given is distributed at at sustainable pace.

I am now learning and I feel I received enough quality instruction to keep up with the proffesor and students.

There is a lot of good information, sometimes the class moves a little too fast.

I was really satisfied. What was offered put us on the track.

## 16 – How well did this information prepare you to do the electrical circuit wiring?<sup>19</sup> responses

Very well (2)

It prepared me very well

It prepared me really well to do the electrical circuit wiring

It prepared me to do every correctly

It allowed me to get started easily and in a more organized manner.

I did well.

A lot by showing me how nodes work and how all wiring is done.

The information is great, I just wish we could have a couple of more examples

I was very well prepared

Pretty good, I learned new easy method how to wire

Very much. When troubleshooting, doing this methodology really comes in handy. I can almost find the problem right away.

I was very prepared when I was tasked to perform the electrical circuit wiring.

Extremely well. He prepared me for everything.

The information prepared me very well.

I feel that I am prepared to instruct myself and others on how to wire.

I have completed my tasks and have been able to correct problems when I did not correctly wire a project correct the first time.

The hands-on is very helpful

Very well. I have confidence now to do electrical wiring jobs.

## 17 – How well did this instructional information cover methods of circuit wiring?<sup>19</sup> responses

The information covered the methods all clearly

It has helped to choose different methods to do the circuit wiring

I feel like I'm ready to start working

Really well. We were given a circuit diagram that showed the connections.

Covered all basis.

I donot know how many methods there are, so I can't answer the question.

Very well, so far this class gives a ton of details and information.

It covered the Leighton-Graham method well, but did not cover any other methods

The instructions are good and cover How to Build, and Troubleshoot, but if you miss one part, you are totally lost.

It covered all methods of a wiring circuit

Pretty good

It was fantastic. Mr. Graham is a great professor and knows how to explain thing thoroughly.

The instructional information covered the methods of circuit wiring very well. I have learned methods that I am now using at my current job.

Covered everyhting Ive been shown.

It covered everything we had to know about circuit wiring so far.

Very well, I think he was very thorough.

I covered various methods and practiced to identify the advantages and disadvantages to each.

Very well.

It was covered properly.

## 18 – Did you know any methods planning and circuit wiring that you did not use? If so, what were they and why did you choose not to use them this time?<sup>19</sup> responses

No (3)

N/A (2)

no--I used them all

I didnot know any methods planning and circuit wiring

No--I used every method that was taught in class

No. I chose to use all the methods I was taught.

Not that I know of.

I did not use point to point, I wanted to practice terminal block wiring

Yes. Instead of doing nice borad wring, I just did point to point wiring.

This is all totally new to me.

I rats-nest wiring, but didnt use the method because it was more messy

I used everything that Mr. Graham taught us.

No, i did not have any prior methods for planning circuit wiring before this course.

No I don't

Everything I am learning is my first time coming across these techniques.

No methods known.

**19 – Have you ever worked in a job that required electrical wiring, electrical maintenance, or troubleshooting of electrical wiring? If so, please describe it here.** 19 responses

N/A (3)

No (3)

I have never worked in such a job

No, I have not

No.

First time wiring anything.

Installed, replaced, repaired new and existing residential wiring.

I have not done such just yet.

Yes, wire harness building at SpaceX, splicing and building to connectors

Yes, one time I had to troubleshoot a circuit that had a short but fand out that a wire wasnt making connections

No, I havn't.

Yes, I am currently working at a distribution center. I troubleshoot equipment used in a production line. I work on wiring electrical panels and circuits. Troubleshooting VFDs, contactors, motors and other electrical controls.

Yes, I used to renovate homes. So sometimes I had to change the sockets and test the wiring to make sure they were still good.

None

Yes. I was in a perfume factory, with so many machines for mixing and filling. Diagnosing the electrical wiring was really challenging, but not anymore.

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3 seem Negative, or critical

**Control Group Supplemental Questions Responses**

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5 sound Positive to ELE Work Experience

1 was Neutral to having had ELE Work Experience

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electrical wiring? If so, please describe **Control Group Supplemental Questions Responses**

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STTLs =

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*Prior or current related work experi*

lectrical circuit wiring?



why did you choose not to use them this time?



3 of electrical wiring? If so, please describe it here.

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