

# Air Conditioning Heating Refrigeration Tech SLO

Spring 2016 - Air Conditioning, Heating & Refrigeration Tech May 2nd 2016,

## Q3 - What did you like about this program?

The facility did an outstanding job of giving us the basics and tools. I appreciated the hands-on learning and applying that knowledge to real life experiences.

Teaching staff are very informative and really know what they are doing. Plenty of different tools of the trade taught everyday.

The Teachers were very fun and great people to get to know. My program gave me all the information and knowledge I needed to be successful.

The hands on experience and the teachers are great help if you ask outside of class for one-on-one assistance with anything. So many tools available and machines to get the job done.

The instructors were very patient with us as students. I really liked the hands on portion of the course. The clubs and the trips that we took as part of the program.

What I liked about this program is that it did a very good job of covering the general knowledge needed to enter the HVAC industry. All of the instructors for the program were knowledgeable, helpful, and approachable

I really enjoyed the hands-on learning that was provided

learning how to create a hvac system from the bottom up

everything

The instructors actually care about you as a person and will do everything in their power to help you pass if you put in the work.

## Q4 - What would you change about this program?

I do not know if I would change anything about the program.

More hands on in commercial operation in the second year of the associate degree program

More hands on in the second year.

too much computer time which gives me a headache after a couple hours. more hands on in the commercial end of things

I'd change the Intro to Installation course to a full semester, what we had wasn't enough time to go through everything, such as in floor heating. We never got to that point.

There were times that time constraints became a slight issue for learning new topics and finishing some projects. Possibly that is just part of how things go sometimes due to unforeseen setbacks. Overall it wasn't a huge ordeal.

The length of the semester makes it challenging to cover all of the material

not much, it was pretty good

nothing

more hands on, don't start slowly and rush at the end

### Q6 - As a result of this program:

Q6\_1 - I have learned effective communication skills.

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	80.00%	8
Strongly Agree	20.00%	2
Total	100%	10

### Q7 - Provide any comments you have on effective communication skills you learned.

This program has helped me to communicate with my employer and co-workers and has helped me network myself with employers and businesses beyond the area.

How to communicate with others in a professional manner has improved greatly

Understanding the diversity of people.

I have learned a lot

### Q8 - As a result of this program:

Q8\_1 - I am able to apply mathematical concepts.

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	10.00%	1
Neither Agree nor Disagree	10.00%	1
Agree	50.00%	5
Strongly Agree	30.00%	3
Total	100%	10

### Q9 - Provide any comments you have on mathematical concepts you learned.

I have learned new math skills. A lot of it is still above my head.

My math has gotten much better but I am still not good at math. never have been

I did not feel my math teacher helped me understand math any better. I also failed.

There is definitely more math than I thought. But I like what math we do in class and what equations we do use.

I can do formulas for HVAC-R

### Q10 - As a result of this program: - I learned how to transfer social and natural science theories into practical applications.

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	80.00%	8
Strongly Agree	20.00%	2
Total	100%	10

### Q11 - Provide any comments you have on transferring social and natural science theories into practical applications.

As a graduate of the HVACR Associate Degree program I have learned that I am in the business of providing comfort for people. I have to be mindful of these individuals and making sure I do the job properly.

They a lot of the time go along with common sense applications, so used often

The classroom visuals and in lab activities strongly reinforce these ideals

oh yeah

## Q12 - As a result of this program:

Q12\_1 - I learned critical thinking skills.

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	50.00%	5
Strongly Agree	50.00%	5
Total	100%	10

## Q13 - Provide any comments you have on critical thinking skills you learned.

This program has helped me to think more about any issues or problems and be a detective.

Used everyday all day. very helpful thing I have learned

Problems it lab tasks made a person think of all possible causes, narrow them down, test them, and fix.

Many of the problems presented force us to think through problems on our own in order o figure out solutions.

I can think thoroughly now

## Q14 - As a result of this program:

Q14\_1 - I have learned to use technology effectively.

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	50.00%	5
Strongly Agree	50.00%	5
Total	100%	10

**Q15 - Provide any comments you have on what you learned about using technology effectively.**

While I have learned about a wide range of technology that is a part of the HVACR field I know this is basic knowledge and that I have a lot more to learn.

I learned the AutoCAD program.

The second year of the program has helped improve my computer skills.

I can fix stuff

**Q16 - As a result of this program: - I have learned to value myself and work ethically with others in a diverse population.**

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	60.00%	6
Strongly Agree	40.00%	4
Total	100%	10

**Q17 - Provide any comments you have on what you learned about valuing yourself and working ethically with others in a diverse population.**

In both my core classes and general studies classes I have had to interact with people of different ages, sex, religion, and races.

My classes consist of people of different race and different backgrounds, being around them taught me so much about people and I respect every one of them.

That Intro to Ethics class was like pulling teeth, XXXXX XXXXXXXX is a terrible teacher. They don't value other people's opinion.

I can deal better with peoples crap

**Q18 - As a result of this program: - I am able to make decisions that incorporate the importance of sustainability.**

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	60.00%	6
Strongly Agree	40.00%	4
<b>Total</b>	<b>100%</b>	<b>10</b>

**Q19 - Provide any comments you have on what you learned about incorporating the importance of sustainability in decisions you make.**

Sustainability is the way of the future.

Efficiency is important

**Q21 - As a result of this program, I learned to:**

Q21\_2 - install HVACR systems.

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	20.00%	2
Agree	40.00%	4
Strongly Agree	40.00%	4
<b>Total</b>	<b>100%</b>	<b>10</b>

**Q22 - Provide any comments you have about learning this program outcome.**

This has been very true in helping me with my current job.

Installed HVAC systems right out of first year.

Again, more time for Intro to Installations class.

I can do that now

**Q23 - As a result of this program, I learned to:**

Q23\_2 - service HVACR systems.

Answer	%	Count
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	10.00%	1
Agree	60.00%	6
Strongly Agree	30.00%	3
Total	100%	10

**Q24 - Provide any comments you have about learning this program outcome.**

I did have basic knowledge, but I have not had a chance to service any equipment in the field.

I was able to diagnose systems with confidence.

I can do that now

**Q25 - As a result of this program, I learned to:**

Q25\_2 - repair HVACR equipment.

<b>Answer</b>	<b>%</b>	<b>Count</b>
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	10.00%	1
Agree	70.00%	7
Strongly Agree	20.00%	2
Total	100%	10

**Q26 - Provide any comments you have about learning this program outcome..**

I do have basic knowledge about repairing HVACR equipment, but my experience so far has been in total system replacements instead of repairs.

I was supplied the tools and knowledge and did so.

I can do that now

**Q27 - As a result of this program, I learned to:**

Q27\_2 - troubleshoot HVACR systems.

<b>Answer</b>	<b>%</b>	<b>Count</b>
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	60.00%	6
Strongly Agree	40.00%	4
Total	100%	10



**Q28 - Provide any comments you have about learning this program outcome.**

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I learned the basics of troubleshooting, but I need more field exposure.

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I can do that now

**Q29 - As a result of this program, I learned to: analyze HVACR systems.**

<b>Answer</b>	<b>%</b>	<b>Count</b>
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	60.00%	6
Strongly Agree	40.00%	4
Total	100%	10

**Q30 - Provide any comments you have about learning this program outcome.**

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I have not had many opportunities to apply this in the field.

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I can do that now

**Q31 - As a result of this program, I learned to:**

Q31\_2 - evaluate building systems and plans.

<b>Answer</b>	<b>%</b>	<b>Count</b>
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	0.00%	
Agree	70.00%	7
Strongly Agree	30.00%	3
Total	100%	10

**Q32 - Provide any comments you have about learning this program outcome.**

I am looking forward to learning more about building systems.

Due to the large amount of information, evaluating building systems and plans was effective but felt rushed.

I can do that now

**Q33 - As a result of this program, I learned to:**

Q33\_2 - design HVACR systems.

<b>Answer</b>	<b>%</b>	<b>Count</b>
Strongly Disagree	0.00%	
Disagree	0.00%	
Neither Agree nor Disagree	10.00%	1
Agree	60.00%	6
Strongly Agree	30.00%	3
Total	100%	10

**Q34 - Provide any comments you have about learning this program outcome.**

Working with CAD has been challenging but very enjoyable once I was able to figure it out.

I can do that now

**Q35 - CONCLUSION Please use this space to share any other feedback, comments, or suggestions about your experience at Western Technical College.**

Very informative, I would recommend it to anyone interested in HVAC

I think that it is a great place, and the new buildings just make everything better. It's the essential experience. If kids ask me about Western I will definitely refer them here.

Great teachers! Can't stress that enough...

Overall it was good experience at Western and am happy with my time here.

more hands on repair

I had a great time learning