

# Western Student Learning Results (Program Outcomes) for 2012

Source: Student

# of Grads: 13

# of Responses: 14

Program: Elec Sys Install & Maint - IEM

Outcome	Yes	No	Unk	NA	Result	Feedback
What did you like about this program?	14 100.00%	0	0	0		
					Yes	all the hands on features and learning through labs
					Yes	I liked the hands on portion of this program.
					Yes	hands on experience
					Yes	learned basic electrical and hydraulic fundamentals to hopefully further my education
					Yes	you learn a lot
					Yes	The fast pace learning...Always kept you engaged and learning faster than ever
					Yes	i came into this program with very minimal knowledge of my new career choice, i truly feel that i am prepared for the path i have chosen.
					Yes	enjoyed learning the fundamentals of electronics.
					Yes	I enjoyed the wide range of areas studied. Being exposed to the why and how systems work was exciting and took the mystery out of the operations and logic.
					Yes	Was right to the point
What would you change about this program?	14 100.00%	0	0	0		
					Yes	have more time in basic electrical wiring and learning about electrical circuits and labs and less time in math
					Yes	more math
					Yes	more hands on
					Yes	i would like to have had more in-depth hands on troubleshooting training and design training in hydraulics systems.
					Yes	This program should be two years rather than one year. So much information and areas studied, it's borderline overwhelming. Maybe just a bit more time on each unit would help retention.
					Yes	nothing.
					Yes	probably make it smaller (less students in the lab)
					Yes	Nothing
					Yes	
Use effective communication skills.	14 100.00%	0	0	0		
					Yes	i have never had fantastic communication skills but i have learned to find my confidence in this field and therefore find my voice in communicating my ideas
					Yes	math helped a lot
					Yes	yes
					Yes	Yes when we had labs and tests...If we did not word our sentences correctly it would not be accepted
					Yes	I feel WWTC has the correct people (instructors) to help students get the best training around next to on the job.

<b>Outcome</b>	<b>Yes</b>	<b>No</b>	<b>Unk</b>	<b>NA</b>	<b>Result</b>	<b>Feedback</b>
					Yes	yes I can
Apply mathematical concepts.	14 100.00%	0	0	0	Yes	my math skills have broadened probably 200%
					Yes	the math as related to this course worked well
					Yes	everything uses math
					Yes	Always
					Yes	Yes. I was able to re-learn basic math.
					Yes	Yes
Transfer social and natural science theories into practical applications.	14 100.00%	0	0	0	Yes	yeah sure?
					Yes	absolutely.
					Yes	yes to a point
					Yes	It will become useful
					Yes	Everyday
Demonstrate ability to think critically.	14 100.00%	0	0	0	Yes	yes
					Yes	on a daily basis.
					Yes	you need to figure programas out
					Yes	did developed skills in this area
					Yes	yes with out thinking critically you wont make it
Demonstrate ability to value self and work ethically with others in a diverse population.	14 100.00%	0	0	0	Yes	not enough diverse population
					Yes	liked how we pick random partners
					Yes	yes, lab partner selection was at times random and was able to get tasks done.
					Yes	Every lab and perf test
					Yes	yes
					Yes	
Use technology effectively.	14 100.00%	0	0	0	Yes	Yes, got educated in Windows XP, etc...
					Yes	helped my get started in that area
					Yes	absolutely
					Yes	needs more patintce at times
					Yes	Everyday
Make decisions that incorporate the importance of sustainability	14 100.00%	0	0	0	Yes	not sure what you mean
					Yes	yes.
					Yes	Yes always
					Yes	sure

<b>Outcome</b>	<b>Yes</b>	<b>No</b>	<b>Unk</b>	<b>NA</b>	<b>Result</b>	<b>Feedback</b>
Demonstrate a basic understanding of applied science related to mechanical drives.	14 100.00%	0	0	0		Yes got that much out of class Yes always Yes with out a doubt Yes Yes. I knew nothing coming in and feel very confident now.
Adhere to proper safety practices and procedures.	14 100.00%	0	0	0		Yes yes because everyone know is about saftey Yes Safety is no Accident Yes pounded into my head Yes Always Yes Yes, safety glasses and other practices were used daily in lab.
Exhibit professionalism.	14 100.00%	0	0	0		Yes Always Yes yep Yes Daily.
Perform preventative maintenance.	14 100.00%	0	0	0		Yes Everyday Yes could be more time on trouble shooting Yes yes Yes Yes, learned the value of performing preventative maintenance. Yes you need to
Maintain parts and equipment inventory including service documentation.	14 100.00%	0	0	0		Yes Yes Yes Yes. Yes Yes.
Maintain electrical and electronic devices and systems.	14 100.00%	0	0	0		Yes Yes, I feel absolutely confident in these areas. Yes yes Yes Yes thank to Ron John and BILL
Install, troubleshoot, modify and repair electrical and electronic devices and systems under the guidance of a journeyman electrician or electromechanical technician.	13 92.86%	1 7.14%	0	0		Yes Indeed Yes Yes, quite often.
Maintain mechanical devices and systems.	14 100.00%	0	0	0		Yes Always

<b>Outcome</b>	<b>Yes</b>	<b>No</b>	<b>Unk</b>	<b>NA</b>	<b>Result</b>	<b>Feedback</b>
					Yes Yes	Every lab. yes
Build or assemble electrical, electronic and mechanical hardware under the guidance of a journeyman electrician or electromechanical technician.	14 100.00%	0	0	0		
					Yes Yes Yes	thats what it all is yes Yes.
Maintain hydraulic and pneumatic systems.	14 100.00%	0	0	0		
					Yes Yes Yes Yes Yes	more trouble shootig more of these 2 classes maintain, yes Yes Yes, I feel very confident in this.
<b>Aggregate Assessment of Achievement</b>	<b>265 99.62%</b>	<b>1 0.38%</b>	<b>0</b>	<b>0</b>		