

Western Student Learning Results (Program Outcomes) for 2011

Source: Student

of Grads: 14

Program: Elec Sys Install & Maint - IEM

of Responses: 14

Outcome	Yes	No	Unk	NA	Result	Feedback
What did you like about this program?	14 100.00%	0	0	0		
					Yes	I liked what hands on we had with the equipment that we will need in our working field.
					Yes	The flexibility in allowing me to work full-time while completing the program.
					Yes	Accessibility to information.
					Yes	The hands on experience that you get for every class.
					Yes	I liked that we got to do a lot of hands on labs.
					Yes	I liked the hands on aspect of the class.
					Yes	Lots of hands on work, and the teacher student relationship ability, with small class sizes.
					Yes	It provided the information that I was looking looking to learn.
					Yes	Hands on experience and class work.
					Yes	I learned to trouble shoot electronic systems and circuits.
					Yes	Hands on experience.
					Yes	the instructors had a good background and were able to use past experiences to help us out.
What would you change about this program?	14 100.00%	0	0	0		
					Yes	nothing
					Yes	I would like to have more hands on with the trouble shooting of actual circuitry and spend more time on what we see in our job world rather than the theory of electronics.
					Yes	I think more should be done with solid state devices. And more effort should be made to make sure we understand how they work.
					Yes	Nothing
					Yes	Long lectures become tedious and hard to focus and retain information. Break-up the long lectures with demonstrations or some way to change the pace.
					Yes	I wouldn't change anything all aspects are well covered
					Yes	nothing
					Yes	
					Yes	More visual demonstrations rather than theoretical
					Yes	More visual demonstration versus theoretical.
					Yes	a little more troubleshooting instead of start from scratch labs
					Yes	The way Mr. Welch teaches, he doesn't prepare us enough for every test.
Use effective communication skills.	14 100.00%	0	0	0		
					Yes	yes
					Yes	I believe that I have what I need to go out into the working field.

Outcome	Yes	No	Unk	NA	Result	Feedback
					Yes	Yes
Apply mathematical concepts.	14 100.00%	0	0	0	Yes Yes Yes Yes	Yes considering my math skills when I entered the program this helped me considerably Learning mathematical concepts that applied to the field. Learned mathematics applied to field yes
Transfer social and natural science theories into practical applications.	14 100.00%	0	0	0	Yes Yes Yes	talked about the background quite a bit in the first semester Yes yes
Demonstrate ability to think critically.	14 100.00%	0	0	0	Yes Yes Yes	Utilized troubleshooting capabilities in lab yes Utilized troubleshooting abilities in lab time
Demonstrate ability to value self and work ethically with others in a diverse population.	14 100.00%	0	0	0	Yes Yes Yes	yes Worked with a diverse group Worked with many different types of people.
Use technology effectively.	14 100.00%	0	0	0	Yes Yes	Instructors used new technology but yet informed on the technology that would be use in the field Instructors tried to inform us of new equipment and processes
Make decisions that incorporate the importance of sustainability	14 100.00%	0	0	0		
Demonstrate a basic understanding of applied science related to mechanical drives.	14 100.00%	0	0	0	Yes	Recieved hands on and theoretical training on mech drives
Adhere to proper safety practices and procedures.	14 100.00%	0	0	0	Yes Yes Yes	Utilized lock out tag out and completed mssc. Safety glasses a must!! utilized many safty procedures in class and in lab
Exhibit professionalism.	14 100.00%	0	0	0		
Perform preventative maintenance.	14 100.00%	0	0	0	Yes	could maybe use a little more practice in this.

Outcome	Yes	No	Unk	NA	Result	Feedback
					Yes	There should be more applications in lab that let us do that.
Maintain parts and equipment inventory including service documentation.	14 100.00%	0	0	0		
Maintain electrical and electronic devices and systems.	14 100.00%	0	0	0	Yes Yes	learned preventative maintenance and preformed them Learned how to maintain and prolong the life of components.
Install, troubleshoot, modify and repair electrical and electronic devices and systems under the guidance of a journeyman electrician or electromechanical technician.	14 100.00%	0	0	0	Yes Yes	Recieved the basics of electricity to complete general repairs. learned the basics of electricity and electronic devices so that repair and modification could be preformed
Maintain mechanical devices and systems.	14 100.00%	0	0	0		
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	Build usable products. Built usable products
Maintain hydraulic and pneumatic systems.	14 100.00%	0	0	0	Yes	Recieved training in building and maintaining hydraulic and pneumatic systems
Aggregate Assessment of Achievement	266 100.00%	0	0.00%	0	0	