

Western Student Learning Results (Program Outcomes) for 2011

Source: Student

of Grads: 18

of Responses: 15

Program: Welding

Outcome	Yes	No	Unk	NA	Result	Feedback
What did you like about this program?	15 100.00%	0	0	0		
					Yes	very good all around knowledge from all teachers
					Yes	i like amount of shop time we get in this program and in that time you can get alot done
					Yes	Got to work with new and advanced equipment. Alot of hands on work and help. Learned all major forms of welding
					Yes	the most i liked about this program is the good detailed teaching and mostly the hands on expeirance and i know more now about welding than i ever have.
					Yes	I like that we seem to go over every from of welding. I like that we also go over other thing such as applied math, blue print and blue print drawing.
					Yes	I enjoyed the hands-on learning experiences in the lab.
					Yes	i liked the fabrication class it taught us how to correctly do fabrication projects.
					Yes	I think that this program was very well designed and taught. The teachers really seem to care and are willing to help you learn.
					Yes	It was very well organized and all the teachers were very smart and i learn a lot from them.
					Yes	About the only thing I liked about this program is learning the different process' of welding.
					Yes	I think the program covers everything a person needs to know to begin a career in the welding field.
					Yes	I enjoyed the hands on and learning of the GTAW, GMAW, SMAW welding proceses.
					Yes	I liked all the hands on experience to the program. We were'nt sitting around all the time learning theory but also applying it to material.
					Yes	It was a very useful course. I liked the hands on experience. The teachers were very knowledgable about welding.
					Yes	It was a very educational,I learned a lot from the program. The program does need to be tweeked a bit. I think it would be helpfull to be able to weld on all types of metal
What would you change about this program?	15 100.00%	0	0	0		
					Yes	Nothing
					Yes	less movies, more hands on views
					Yes	I wouldn't change anything, I thought it is a great experience.
					Yes	There is a lot of information to obtain in a year. It wouldn't be a bad idea to make it a longer program. Every process has so many different things that branch off one another.
					Yes	Make the program a two year class so we can learn in depth about every type of welding process.
					Yes	I would change the two classes that seem to be the same.

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					Yes	It needs to have more weldments in diferent metals such as galvinized metals to have the practical knowlege to be able to weld
					Yes	I would change nothing, I liked this program as it is.
					Yes	i would like to see it a two year program because we could of spend alot more time on some of the littler things and just get more time to learn and try other things.
					Yes	I would maybe change the times or hours of classes.
					Yes	First I would cut down on some of the material handling. I understand we need to know how to properly use equipment but after 3 months or so we should not have to waste tons of time cutting and grinding pieces to weld. In industry welders will not need to make parts very often so I think a little more welding time (less prep) would be benaficial.
					Yes	I would change the start time to a little bit later in the morning and I would change the way that the blueprint reading course is taught and perhaps intergate the mechanical drawing with blueprint and have one teacher that is really good at teaching it.
					Yes	i would change it so u got a full day fab class one day a week, the entire year.
					Yes	More in class with blueprint reading-more in depth and using the book more.
					Yes	there is nothing major i would really change about the program because i like the way it was taught throughout the year. Doing mainly all hands on work and getting us prepared for the working world. If i were to change anything i would maybe add in another fabrication class to build more projects.
Use effective communication skills.	15	100.00%	0	0	0	
					Yes	Yes i feel the communication skills that I learned has helped me learn how to ask questions about diferent steps and not be afraid to ask
					Yes	yes for the most part except for John Martins blueprint class. It was basically a teach yourself class. I honestly would have been better just reading the book on my own.
					Yes	Fun
					Yes	so so
					Yes	I think I learned a great deal of useful information in this program.
					Yes	Somewhat. some teachers didb't have books of the welds thay just told us what to do and if he dissapeared for forty minutes you dont know what to do and wasting the students time.
					Yes	good communication skills
Apply mathematical concepts.	15	100.00%	0	0	0	
					Yes	Effectively applied mathmatical concepts
					Yes	Math teacher did a great job.
					Yes	Learned proper techniques to use shop tools and machines. Proper measurements and squaring.
					Yes	i really like math i'd like to see more of it..
					Yes	yes. adding and subtracting fractions
					Yes	it seemed easy and went fast.
					Yes	I liked the option of testing out early in math, which I utilized.
					Yes	Learned how to use Shear and Press break using Math-matics

Outcome	Yes	No	Unk	NA	Result	Feedback
					Yes	yes
Transfer social and natural science theories into practical applications.	14 93.33%	1 6.67%	0	0		
					Yes	no sure what they are asking
					Yes	This course enlisted theories of operation and troubleshooting in practical welding applications very well.
					Yes	yes
Demonstrate ability to think critically.	15 100.00%	0	0	0		
					Yes	alot of thinking was invovled and i liked that alot about the program because you used alot of comman sense and critical thinking towards projects or the welding we were practicing
					Yes	This program helped with the ability to think critically because the Instructors were only in class 50% of the time so we needed to learn figure things out independently without the assistance of our teachers.
					Yes	This program makes you be a judge of your own work, a useful skill in welding.
					Yes	yes problem solving
					Yes	Bending, Cutting and welding material properly for a customer and not ruining everything
					Yes	Learned to think ahead and have an idea of what you want and what your project will look like before you even start.
Demonstrate ability to value self and work ethically with others in a diverse population.	15 100.00%	0	0	0		
					Yes	yes
					Yes	everything went fine
					Yes	Our group worked well together, and I liked working with them as a whole.
Use technology effectively.	15 100.00%	0	0	0		
					Yes	Learned to use the welding machines and set them the right way. Use shop machines and tools the right way.
					Yes	We all learned to use the technology and machinery in the shops to an effective degree.
					Yes	Yes I'm able to use technalogy more efficiently than when I started the program
					Yes	used this to my advantage alot
					Yes	I learned alot about different tools and machinery I had never used before.
					Yes	Yes
					Yes	yes
Make decisions that incorporate the importance of sustainability	14 93.33%	1 6.67%	0	0		
					Yes	yes
					Yes	I learned to make do with what I had, and use materials smartly.
Weld in the four basic positions	15 100.00%	0	0	0		

Outcome	Yes	No	Unk	NA	Result	Feedback
					Yes	1g, 2g, 3g, 4g
					Yes	learned a lot
					Yes	Flat, horizontal, vertical, overhead. Learned all welding positions in the 3 welding processes.
					Yes	I learned all the necessary techniques to do this.
Apply welds using the three major processes (GTAW, SMAW, GMAW)	15	100.00%	0	0	0	
					Yes	I wish there had been more class time for GTAW.
					Yes	As well as others. I like the fact that we went over every form of welding.
					Yes	I'm able to weld proficiently in all processes and now have the knowledge i need to produce quality welds and projects
Translate and fabricate from shop drawings	15	100.00%	0	0	0	
					Yes	good class
					Yes	yes but iwth the help from one of the two teeachers
					Yes	Left the program with much improved skills in reading blueprints and shop drawings.
					Yes	What I learned from this program has helped me produce some very usefull products for my family and freinds
Demonstrate the theory practice in accordance with industry standards	15	100.00%	0	0	0	
Interpret weld symbols and apply them properly	15	100.00%	0	0	0	
					Yes	yes
Cut metal using the appropriate method	15	100.00%	0	0	0	
					Yes	SPENT WAY TO MUCH TIME CUTTING MATERIAL.
Demonstrate safe shop work habits	15	100.00%	0	0	0	
Detect visual flaws in welds	15	100.00%	0	0	0	
					Yes	i know what to look for and how to correct it
					Yes	Yes
					Yes	Learned what a acceptable weld and a non acceptable weld is. Learn their defects and the propper way to make a weld in the 4 positions.
Correct flaws in welds	15	100.00%	0	0	0	
					Yes	Always
Set welding equipment for optimum performance	15	100.00%	0	0	0	
					Yes	Learned the propper settings for the 3 major welding processes.
Layout, measure, form and assemble weldments	15	100.00%	0	0	0	

<i>Outcome</i>	<i>Yes</i>	<i>No</i>	<i>Unk</i>	<i>NA</i>	<i>Result</i>	<i>Feedback</i>
<i>Aggregate Assessment of Achievement</i>	298 99.33%	2 0.67%	0	0		