

Western Student Learning Results (Program Outcomes) for 2011

Source: Student

of Grads: 6

of Responses: 6

Program: Machine Tool Operation

Outcome	Yes	No	Unk	NA	Result	Feedback
What did you like about this program?	6 100.00%	0	0	0		
					Yes	The instruction was well thought out, and the amount of hands-on lab time was great. The range of different methods and equipment to use made the course a good challenge, as well as rewarding.
					Yes	good teachers good learning experince good enviroment it was fun
					Yes	I'm alot smarter today than I was in the fall.
					Yes	The amount of knowledge the Instuctors have in the field
					Yes	i liked the operation and set up part of the course
What would you change about this program?	6 100.00%	0	0	0		
					Yes	more oppoertunites for your own projects
					Yes	Nothing
					Yes	Due to the fact that there are time constraints, this being a one year program, there isn't much that really can be changed. The instructors did a good job of packing as much of the necessary learning into a short time period. Perhaps a second year or advanced diploma would serve some students, but I'm not sure enough students would opt for it to make the effort worthwhile.
					Yes	more projects
					Yes	I think that this program would be better if it was longer.
					Yes	i think that the programing should be separate because it is totally different and if someone isn t interested in that then there should be no reason for there graduation to depend on something they have no interest in
Use effective communication skills.	6 100.00%	0	0	0		
					Yes	learning good communication skills for our are of work for what different stuff means and how to interpret out in the work feild
					Yes	there are many areas that i could have done better
					Yes	Absolutely. There were a number of group projects, especially on the CNC machines,that required communication between students to achieve the desired results.
Apply mathematical concepts.	5 83.33%	1 16.67%	0	0		
					Yes	Alot of the math that was learnd in the math class was used in the shop.
					Yes	thank god for trig.
					Yes	most of our math really is focused on the stuff we do in the shop
					Yes	Yes, my math skills were greatly improved by this program. Use of math is necessary on a daily basis.
					No	math has always been hard for me so it was a challenge to try and keep up

Outcome	Yes	No	Unk	NA	Result	Feedback
Transfer social and natural science theories into practical applications.	4 66.67%	2 33.33%	0	0		
					Yes	i can apply most of it but there are things i have trouble with
					Yes	Yes. Completing course requirements in a timely manner required more than just cursory/bookwork knowledge of shop work.
					Yes	Good
					No	dont know what this means
Demonstrate ability to think critically.	5 83.33%	1 16.67%	0	0		
					Yes	Constantly. Solving problems as they ocured was a big part of this course.
					Yes	very good
					No	in most cases i can come up with a good way to do something but in this program i get very nervous for fear of damaging something which hinders my ability to think
Demonstrate ability to value self and work ethically with others in a diverse population.	5 83.33%	1 16.67%	0	0		
					Yes	Absolutely.
					No	if i didnt understand it then i couldnt work on it
Use technology effectively.	6 100.00%	0	0	0		
					Yes	Yes. I especially like the range of newer and older machines in the shop.
					Yes	I learned what and how to use all of the machines the shop has and the ability to make almost enything I could thing of on them.
					Yes	i can run the machines fine
Make decisions that incorporate the importance of sustainability	6 100.00%	0	0	0		
					Yes	Yes. Material and machine usage was based around not wasting time/energy and materials.
Demonstrate understanding of spatial concepts - i.e. blueprint reading	6 100.00%	0	0	0		
					Yes	it took me awhile but i now understand blueprints
					Yes	Yes.
Work productively (Demonstrate punctuality, meet project deadlines, plan work)	5 83.33%	1 16.67%	0	0		
					Yes	Yes.
					No	should have used better time management
Maintain safe and productive work area	6 100.00%	0	0	0		
					Yes	very good
					Yes	Yes.
Encourage a sense of pride in personal work and the profession.	6 100.00%	0	0	0		
					Yes	most definitely

Outcome	Yes	No	Unk	NA	Result	Feedback
					Yes	it feels good to complete a part that was hard for you
					Yes	The instuctos showed us that we are only as good as the work we do in this field so to try your best to do the best work posible so you know you have done well and people high then you will see the hard work you will do.
					Yes	Yes.
Operate machine tool equipment in a proficient manner	6 100.00%	0	0	0		
					Yes	i can operate it fine
					Yes	Yes.
					Yes	Very much so
Produce parts to within tolerances	6 100.00%	0	0	0		
					Yes	Yes.
					Yes	very tight tollerances
Apply basic machine tool computer skills as related to machine tool industry.	5 83.33%	1 16.67%	0	0		
					Yes	Yes.
					No	i am no good at programing
Work cooperatively in a team environment.	5 83.33%	1 16.67%	0	0		
					Yes	Yes.
					Yes	i get along with others
					No	This came from the other students in the class and not haveing a good team work mantality.
Aggregate Assessment of Achievement	94 92.16%	8 7.84%	0	0		