

# Machine Tool Operation Spring 2014 Student SLO Report

## 1. What did you like about this program?

### Text Response

The hands on experience in the shop. I enjoyed the individual paced learning experience. the manual machining portion was taught very well

Hands on machine shop training.

It help me get more experice and it my favorite career program that i like most. I have learn many thing about machine and running machine. The best thing is I like working in the shop and we learn new things every day.

The instruction was good overall. A large amount of material was presented.

Go to run machines

The manual machines and surface grinding course were was clearly explained and was relatively easy go through.

### Statistic

### Value

Total Responses

7

## 2. What would you change about this program?

### Text Response

This year it felt cramped at times and overloaded, but i know it will bw changing next year once the program goes into a trimester system. It will give future students a more well rounded training experience.

i felt this program was very disorganized. we should have covered more material.

More manual machine training.

We should have more teacher in this program because we need them to be with us and tell us to do thing that we dont know about it. We dont have to wait like 10-15 minutes to get them with us to fix our program that we write and running the machine.

A large portion of time was devoted to programming. I believe some of this time could have been better spent on manual machining or actually operating the CNCs. I believe too much time was devoted to grinding, at the expense of time spent on other subjects. I would suggest considering whether machine operation and CNC programming could be split into two separate programs

Would get more machine time in on everything. Make the course longer and get more things that we need to know in. Run CNC machine a lot more so you get used to run them and how they are different then a manual machine.

I feel that the time and equipment available in the CNC related courses and lab were not use as much as they could be. Access to the simulators was very limited which slowed learning and I believe a better organized course could have set things up to move faster and learn more than we have.

### Statistic

### Value

Total Responses

7

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### 3. As a result of this program:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
I have learned effective communication skills.	0	0	2	4	1	7

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

#### Text Response

team work, running machine, write programs, and know about all the machine in the shop. know how to setup machine and make the machine run succesful.

I believe I entered the program with effective communication skills, so it was not a focus for me during this program

Statistic	Value
Total Responses	2

### 5. As a result of this program:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
I am able to apply mathematical concepts.	0	0	0	2	4	6

### 6. Provide any comments you have on mathematical concepts you learned.

#### Text Response

I now better understand algebra and trigonometry. Excellent program.

learn alot about how to measure things and how to calculator how to cut thing to right size

The math instruction was very effective.

Statistic	Value
Total Responses	3

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### 7. As a result of this program:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
I learned how to transfer social and natural science theories into practical applications.	0	0	3	2	2	7

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

Text Response

NA

Statistic	Value
Total Responses	1

### 9. As a result of this program:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
I learned critical thinking skills.	0	0	0	4	3	7

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

Text Response

I understand order of procedure concepts and how to apply them better.  
 learn many thing and have a lot of experince in the shop  
 As appied to the specific situations encountered in the program.

Statistic	Value
Total Responses	3

## Machine Tool Operation Spring 2014 Student SLO Report

### 11. As a result of this program:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
I have learned to use technology effectively.	0	0	2	3	2	7

### 12. Provide any comments you have on what you learned about using technology effectively.

#### Text Response

I would say better not necessarily effectively at least at times.  
like Feature CAM and Auto CAD.

There was adequate hands-on opportunity with the machines, but more opportunity would have been better.

Statistic	Value
Total Responses	3

### 13. As a result of this program:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
I have learned to value myself and work ethically with others in a diverse population.	0	0	2	3	2	7

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

#### Text Response

helping each other and teach each other new things that they dont know about.

Statistic	Value
Total Responses	1

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### 15. As a result of this program:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
I am able to make decisions that incorporate the importance of sustainability.	0	0	1	4	2	7

### 16. Provide any comments you have on what you learned about incorporating the importance of sustainability in decisions you make.

#### Text Response

working in the shops and running machine

Statistic	Value
Total Responses	1

### 17. As a result of this program, I learned to:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
apply basic safety practices in the machine shop.	0	0	1	2	4	7

### 18. Provide any comments you have about learning this program outcome.

#### Text Response

always wear your safety glass and read the instruction before running the machine and make sure everything is run good in graphic  
Safety was always a priority.

Statistic	Value
Total Responses	2

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### 19. As a result of this program, I learned to:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
perform set-up and operation of basic manually operated metal working machines.	0	0	1	1	4	6

### 20. Provide any comments you have about learning this program outcome.

#### Text Response

how to write a programs and put into the machine to running. How to change tools and not crash the machine.

Statistic	Value
Total Responses	1

### 21. As a result of this program, I learned to:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
interpret industrial/engineering drawings.	0	0	1	2	4	7

### 22. Provide any comments you have about learning this program outcome.

#### Text Response

Feature CAM and Auto CAD these two we have learn how to drawing engineering things and how to make programs running in the machine.

Statistic	Value
Total Responses	1

## Machine Tool Operation Spring 2014 Student SLO Report

### 23. As a result of this program, I learned to:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
apply precision measuring methods to part production and inspection.	0	0	0	2	5	7

### 24. Provide any comments you have about learning this program outcome.

#### Text Response

how to measure your part and how to machine them in the right size. how to leaves how much for the tolercan allowace.

Statistic	Value
Total Responses	1

### 25. As a result of this program, I learned to:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
perform programming, set-up and operation of CNC machine tools.	0	1	2	2	2	7

### 26. Provide any comments you have about learning this program outcome.

#### Text Response

I have learn how to setup a programs and running the machine. which tools to use and how to make programs run successful in the shop.

Statistic	Value
Total Responses	1

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### 27. As a result of this program, I learned to:

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Total Responses
make machine and/or tooling selection decisions according to accepted machine tool practices.	0	2	0	3	2	7

### 28. Provide any comments you have about learning this program outcome.

#### Text Response

how to put tools in the right spot and not to make any damage on tools.

Statistic	Value
Total Responses	1



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

#### Text Response

i feel that i did not get my moneys worth out of this program. i will not recomend this program to anybody it was poorly tought in the cnc portion of class. i felt that we could of accomplished so much more.

The CNC program had a lot of assignments that we never got feedback for thus mistakes were repeatedly made and the learning experience could have been a lot better. Work was rushed at the end of the semester and teacher/ student conflicts were a distraction in CNC.

This is my first program in Western Technical College. I like like my program and it help me a lot in the feature.

This program needs to change. The equipment is getting old and they don't have any machine that you would see a production environment, such as a horizontal mill, tomestone and moldmaking. The manual machines are okay but they are alittle beat up. The cnc machines are older, we didn't even use one lathe because there is something wrong with it or the instructor can't run it. We didn't start using one lathe until the other broke down. One mill hasn't been turned on all year. The EDM machine kept breaking down contantly and is just a piece of junk. We have simulators to run programs that you write in graphics to make sure it looks right and make any changes before you get on the machine. Didn't even use them untill a couple of student figured it out well the teacher was gone. Then we were banned from then for some reason. So you had to waste more time at the machine fixing your program. This just wasted everyones time. The cnc instruction could be alot better.

Statistic	Value
Total Responses	4