



OAKLAND  
COMMUNITY  
COLLEGE

# **Machine Tool Technology: In-Class Survey**

## **Fall 2002 – Winter 2003**

*Preliminary Report*

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June 2003

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## **Executive Summary**

### **Background/Methodology**

In order to determine why students enrolled in Machine Tool Technology (ATM) courses, a short In-Class Survey was administered to students who enrolled during the Fall 2002 and Winter 2003 semesters. A total of 28 students completed the survey during these terms. The distribution of respondents by course is as follows:

- ATM 1120 8
- ATM 1140 2
- ATM 1180 1
- ATM 2100 7
- ATM 2200 1
- ATM 2300 1
- Not Sure\* 8

\* Note: Those listed as "Not Sure" could have been in ATM 1120, 1140, or 1180, but there was no information to denote which course.

### **Limitations**

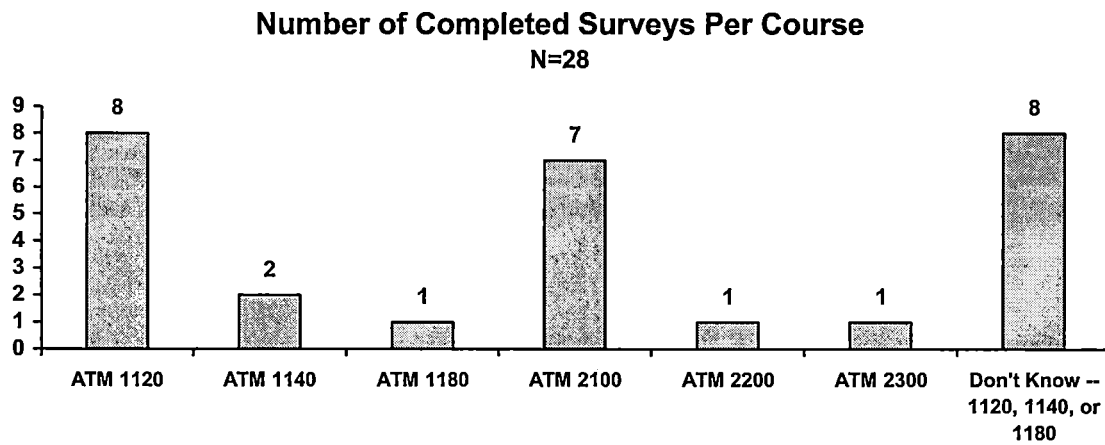
Although students may or may not have been instructed not to do so, there is a possibility that some students completed multiple surveys if they attended multiple Machine Tool Technology courses. Therefore, there is a possibility that the sample size may be slightly inflated.

### **Key Findings**

- Of the 28 students in the study, ten indicated that they were enrolled in the Machine Tool Technology program, another ten were enrolled in the Machine Tool Technology – Numerical Option, and seven did not enroll in any Machine Tool Technology program. One student indicated that he enrolled in both the Machine Tool Technology program, and the Machine Tool Technology - Numerical Option program.
- An examination of educational intent among students who took Machine Tool Technology courses revealed that nearly half (46.4%) did not intend to earn an OCC degree or certificate in Machine Tool Technology. One-fourth (25.0%) intended to obtain an associate degree in Machine Tool Technology, and 21.4% intended to earn a certificate. Seven percent (7.1%) intended to earn both a certificate and an associate degree.
- Forty-six percent (46.4%) of respondents indicated that they took ATM courses in order to increase their knowledge in a specific area. One-fourth (25.0%) took the course for personal interest, and another 21.4% were encouraged by their employers to take the course.

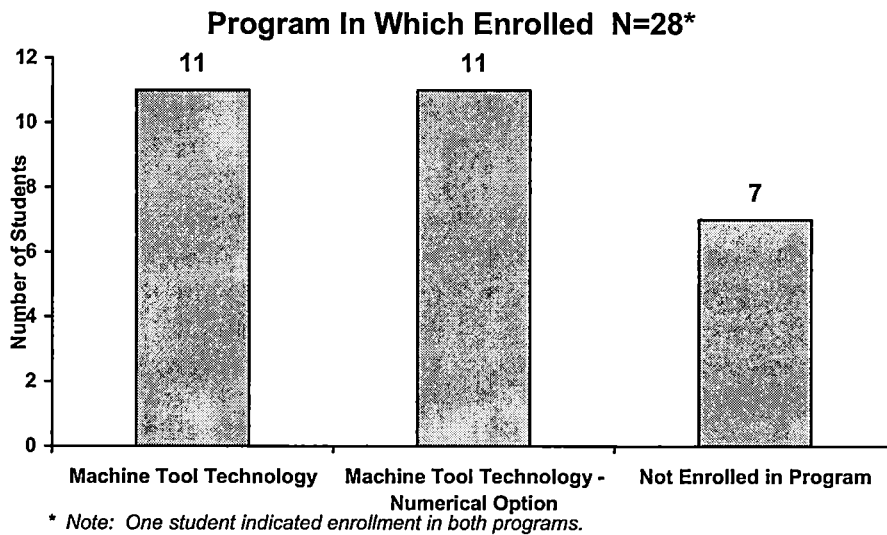
- When asked how they planned to use the knowledge and skills acquired from the course, 70.4% indicated that they plan to use them in their current jobs. More than half (55.6%) plan to use their newly acquired skills in a new job with a different employer, and 22.2% plan to use them in a new job with their current employer.
- The most popular source of information on Machine Tool Technology courses was college publications (60.7%), followed distantly by employers (21.4%).
- Most (78.6%) of Machine Tool Technology students were employed full-time. An additional 10.7% were employed on a part-time basis. Of the 25 students who were employed, 76.0% were employed in positions that were highly related to Machine Tool Technology, and an additional 16% were employed in positions that were somewhat related to the field. Only two students were employed in positions that were not related to the field.
- Thirty-six percent (36.0%) of employed students had CNC (Computer Numerical Control)-related job titles, such as CNC operators, CNC machinists, or CNC programmers.
- Demographically, Machine Tool Technology students were a fairly homogeneous group. The self-reported demographic profile of respondents is as follows:
  - Male – 100.0%
  - White – 96.4%
  - Median Age – 29 years, Mean Age – 33 years
  - Highest level of educational attainment: some college – 67.9%
  - Reside inside of Oakland County: 96.3%
- When asked about their long-term (next five years) educational goals, half (50.0%) intended to obtain a degree or certificate in Machine Tool Technology. Twenty-three percent (23.1%) intend to take a few more classes in Machine Tool Technology, and another 15.4% plan to obtain a degree or certificate in another field.
- Thirty-six percent (36.0%) of students met with a counselor to discuss their educational goals.
- Forty-two percent (42.3%) of Machine Tool Technology students have taken similar courses at other schools. Of these 11 students, most (63.6%) have taken courses through programs at their high school, technical preparation programs, or vocational education programs. Just over half (54.5%) have taken courses at another college.

**Table 1: Completed Surveys Per Course**



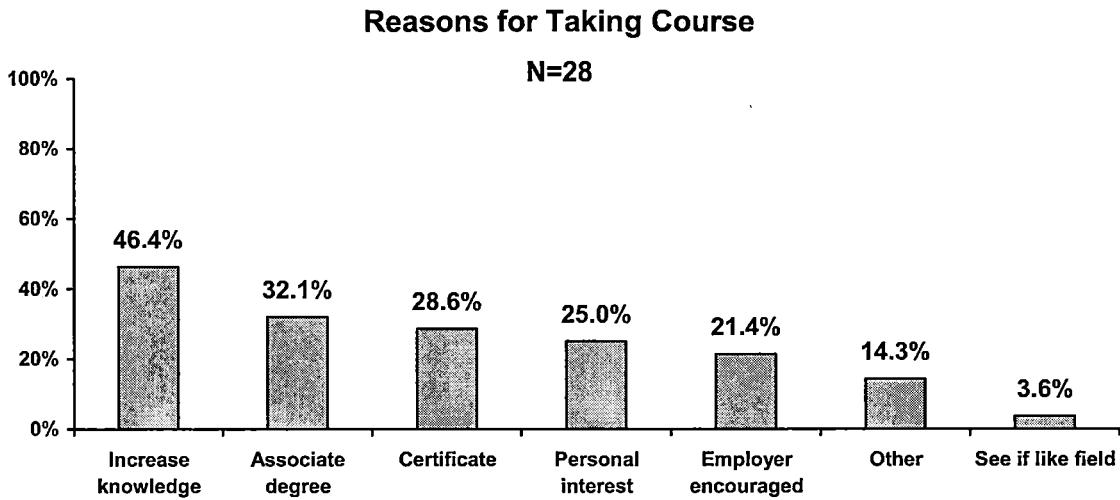
**Summary:** During the Fall 2002 and Winter 2003 semesters, a total of 28 surveys were completed by students in the six courses listed above. The number of responses was limited due to the small class sizes.

**Table 2: Program In Which Enrolled**



**Summary:** Twenty-five percent (25.0%) Machine Tool Technology students were not enrolled in a Machine Tool Technology program.

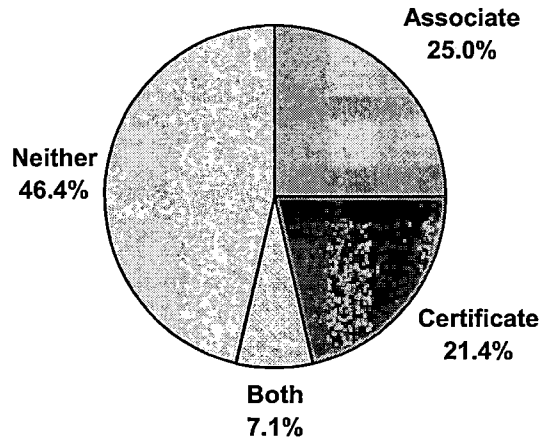
**Table 3: Reasons For Taking Courses**



**Summary:** Forty-six percent (46.4%) of students indicated that they took the course in order to increase their knowledge in a specific area. Less than one-third (32.1%) planned to obtain an associate degree and 28.6% intended to earn a certificate.

**Table 4: Educational Intent**

**Educational Intent (N=76)**



**Summary:** Forty-six percent (46.4%) of students surveyed did not intend to obtain a certificate or degree in Machine Tool Technology.

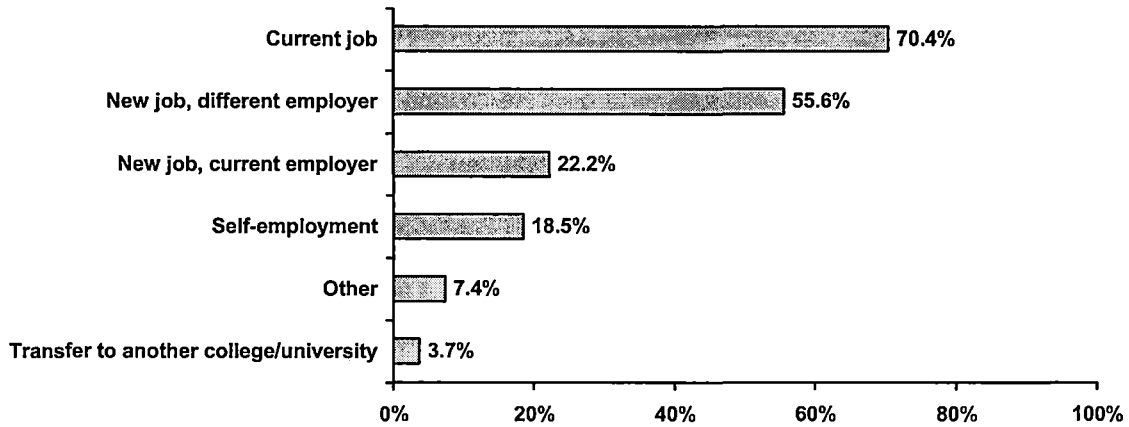
Course Taken	<u>Seeking Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
Base (N)	15	13
ATM 1120	13.3%	46.2%
ATM 1140	6.7	7.7
ATM 1180	6.7	0.0
ATM 2100	33.3	15.4
ATM 2200	0.0	7.7
ATM 2300	6.7	0.0
ATM 1120, 1140 or 1180	33.3	23.1

Reason for Taking Course	<u>Seeking Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
Base (N)	15	13
Personal interest	26.7%	23.1%
Increase knowledge in specific area	53.3	38.5
Employer encouraged	13.3	30.8
See if like field	0.0	7.7
Other	0.0	14.3

*Although differences are displayed for informational purposes, the numbers are too small to compare statistical significance.*

**Table 5: How Students Planned To Use Knowledge And Skills Gained In Course**

In what way will you use the knowledge/skills gained in this course?  
(N=27)



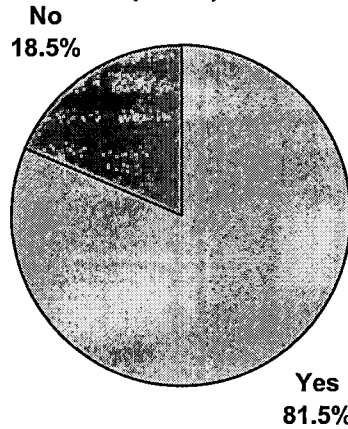
**Summary:** Most (70.4%) of students planned to use their newly acquired skills in their current job. Additionally, 55.6% planned to use the knowledge and skills gained in a new job with a different employer.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
Base (N)	15	12
Current job	80.0%	58.3%
New job, different employer	60.0	50.0
New job, current employer	20.0	25.0
Self-employment	26.7	8.3
Other	0.0	16.7
Transfer to another college/university	0.0	8.3



**Table 6: Ever Taken an OCC Course?**

Have you ever taken a course at OCC in the past?  
 (N=27)

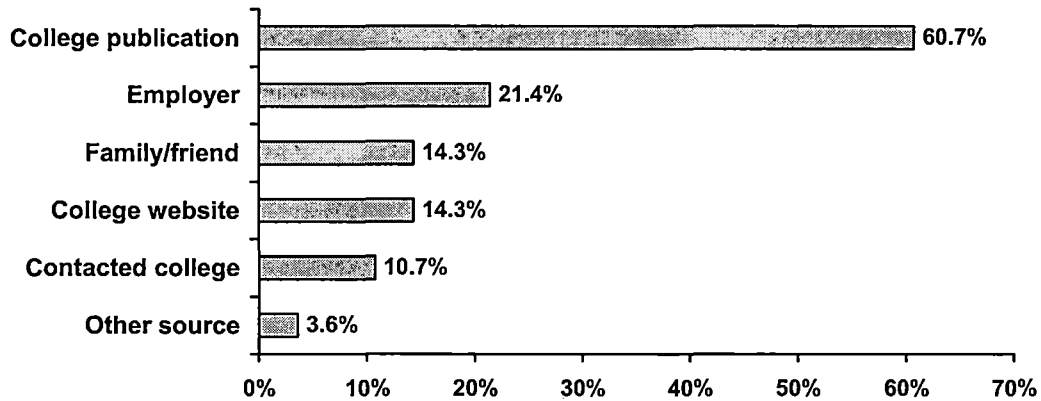


**Summary:** Most (81.5%) of students had taken another course at OCC in the past.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
<i>Base (N)</i>	15	15
No, have not taken OCC classes in past	26.7%	8.3%
Yes, have taken OCC classes in past	73.3	91.7

**Table 7: How Students Learned About Courses**

How did you find out about this course? (N=28)

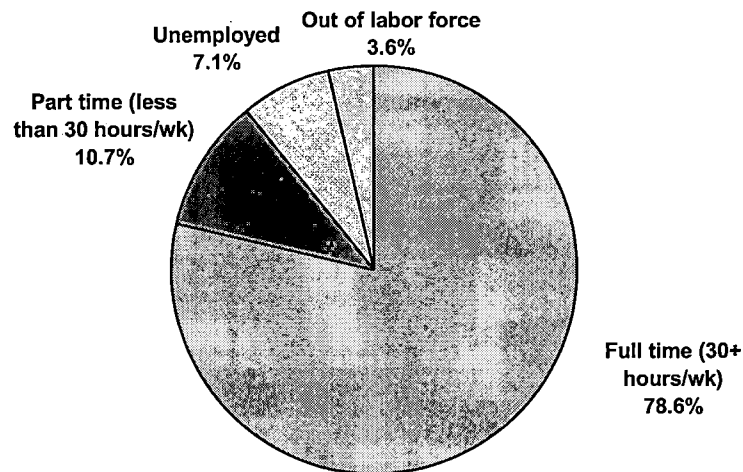


**Summary:** Sixty-one percent (60.7%) of students learned about Machine Tool Technology courses from college publications. Over one-fifth (21.4%) learned about it from their employers.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
<i>Base (N):</i>	15	13
College publication	46.7%	76.9%
Employer	20.0	23.1
Friend/family	13.3	15.4
College website	20.0	7.7
Contacted college	6.7	15.4
Other Source	0.0	7.7

**Table 8: Current Employment Status**

**Current Employment Status (N=28)**



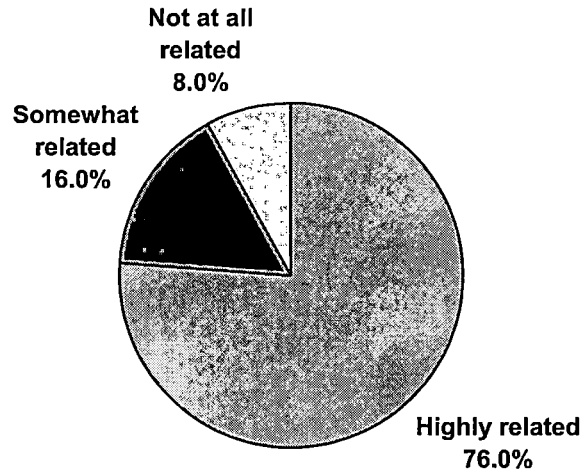
**Summary:** The vast majority (89.3%) of Machine Tool Technology students worked and most (78.6%) were employed full time.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
<i>Base (N):</i>	15	13
Full-time (30+ hours/wk)	93.3%	61.5%
Part-time (less than 30 hrs/wk)	0.0	23.1
Unemployed	6.7	7.7
Out of labor force	0.0	7.7

**Summary:** All but one of the 15 students seeking a degree or certificate were employed full time.

**Table 9: Current Job Related To Machine Tool Technology**

**Current Job Related to Machine Tool Technology?  
 (N=25)**



**Summary:** Ninety-two percent (92.0%) of students were employed in jobs that were at least somewhat related to Machine Tool Technology. Seventy-six percent (76.0%) held positions that were highly related to Machine Tool Technology.

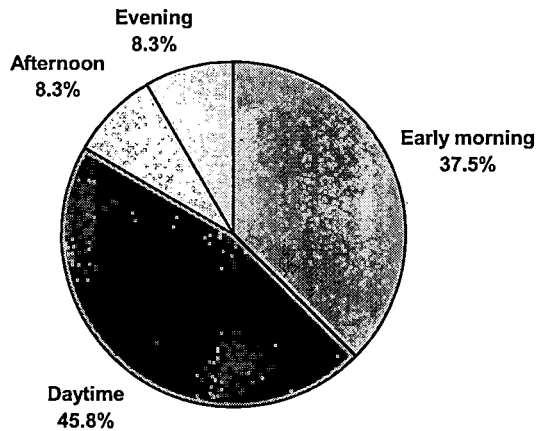
	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
Base (N)	14	12
Not at all related	0.0%	18.2%
Somewhat related	7.1	27.3
Highly related	92.9	54.5

\* Statistically significant difference between those seeking a degree/certificate and those seeking neither a degree nor certificate at a 95% level of significance.

**Summary:** Although the sample sizes are too small to be test statistical significances, it is interesting to note that students seeking a degree or certificate were much more likely to be employed in a field related to Machine Tool Technology.

**Table 10: Time of Day Students Work Most Hours**

**Time of Day Students Work Most of Their Hours  
(N=24)**



**Summary:** Of the respondents who worked, most (83.3%) worked in what they considered to be early morning or daytime shifts. It should be noted, however, that the respondents' definitions of an early morning shift versus a daytime shift vary. For example, 2 students who start work at 7 AM say they work most of their hours early morning, while 3 who start at 7 AM consider themselves to work during the day.

	When do you work most of your hours				Total
	Early morning	Daytime	Afternoon	Evening	
6AM - 3PM	2	0	0	0	2
6AM - 3:30PM	0	1	0	0	1
6AM - 4:30PM	2	1	0	0	3
6AM - 5:30PM	1	0	0	0	1
6AM - 5PM	0	1	0	0	1
6:30AM - 3:00 PM	1	0	0	0	1
7AM - 3PM	1	0	0	0	1
7AM - 5PM	0	1	0	0	1
7AM - 5:30 PM	0	2	0	0	2
7AM - 6PM	1	0	0	0	1
7:30AM - 4:30 PM	0	1	0	0	1
8AM - 5PM	1	1	0	0	2
8AM - 6PM	0	2	0	0	2
9AM - 5PM	0	1	0	0	1
3PM - 8PM	0	0	1	0	1
4PM - 2:30AM	0	0	1	0	1
5:30PM - 6AM	0	0	0	1	1
11PM - 7:30AM	0	0	0	1	1
<b>Total</b>	<b>9</b>	<b>11</b>	<b>2</b>	<b>2</b>	<b>24</b>

**Table 11: Current Job Title**

Job Title	To what extent is job related to Mach. Tool Tech.			Total
	Highly related	Somewhat related	Not at all related	
CNC Machinist	3			3
Machinist	3			3
CNC Lathe Operator/Programmer	2			2
CNC/Bridgeport Operator	1			1
Grinder Hand	1			1
Apprentice Tool & Die Maker	1			1
Cooperative Intern - Testing Tools	1			1
CNC Operator	1			1
Manufacturing/Design Engineer	1			1
Designer	1			1
Dev Engineer	1			1
CNC	1			1
Boring Mill Operator	1			1
CNC Programmer	1			1
Set Up Upgrader		2		2
Technician		1		1
District Draftsman		1		1
Porter/Detailer			1	1
Other			1	1
<b>Total</b>	<b>19</b>	<b>4</b>	<b>2</b>	<b>25</b>

**Summary:** Of the 25 people responding to the question, 9 (or 36.0%) were CNC machinists, CNC operators, or CNC programmers.

**Table 12: Home Residence**

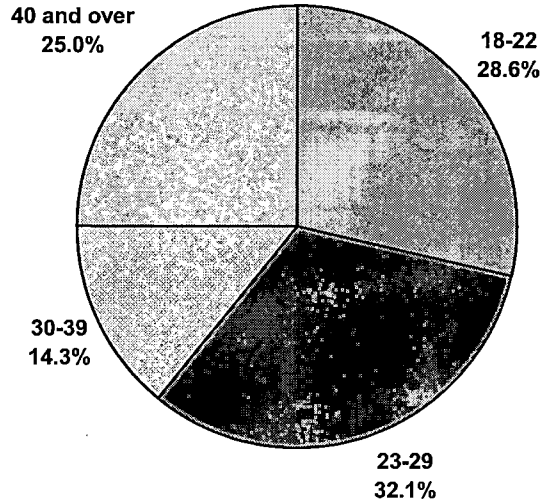
<u>Genessee County</u> (N=0) 0.0%		<u>Lapeer County</u> (N=0) 0.0%			
<u>Livingston County</u> (N=0) 0.0%	<u>Northwest Oakland</u> (N=0) 0.0% <small>Region=2.3% of Oakland County population</small>	<u>North Central Oakland</u> (N=3) 11.1% <small>Region=6.6% of Oakland County population</small>	<u>Northeast Oakland</u> (N=2) 7.4% <small>Region=5.3% of Oakland County population</small>	<u>Macomb County</u> (N=0) 0.0%	
	<u>Central West Oakland</u> (n=4) 14.8% <small>Region=8.9% of Oakland County population</small>	<u>Central Oakland</u> (N=5) 18.5% <small>Region=15.6% of Oakland County population</small>	<u>Central East Oakland</u> (N=6) 22.2% <small>Region=18.4% of Oakland County population</small>		
	<u>Southwest Oakland</u> (N=0) 0.0% <small>Region=7.7% of Oakland County population</small>	<u>South Central Oakland</u> (N=1) 3.7% <small>Region=11.7% of Oakland County population</small>	<u>Southeast Oakland</u> (N=5) 18.5% <small>Region=23.5% of Oakland County population</small>		
<u>Washtenaw County</u> (N=0) 0.0%		<u>Wayne County</u> (N=1) 3.1%			
<b>(N =27)</b>					

**Summary:** All but one student were from Oakland County. Fifty-five percent (55.5%) were from the central portion (Central West, Central, and Central East) of Oakland County.

*Note: Please see GIS map in Appendix for additional information.*

**Table 13: Age**

**Age of Respondent (N=28)**



**Summary:** The average age of Machine Tool Technology students was 33 years, and half of the students were over the age of 29.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
<i>Base (N)</i>	15	13
18 - 22 years	26.7%	30.8%
23 - 29 years	40.0	23.1
30 - 39 years	13.3	15.4
40 years and over	20.0	30.8

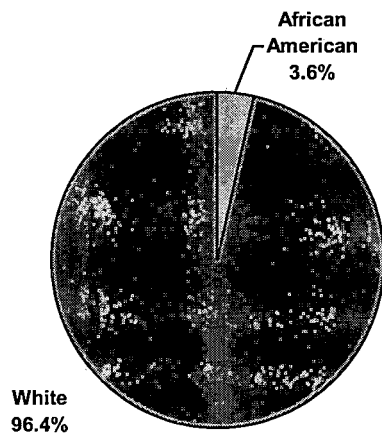


**Table 14: Gender**

**Summary:** All 28 of the students in Machine Tool Technology courses were male.

**Table 15: Race/Ethnicity**

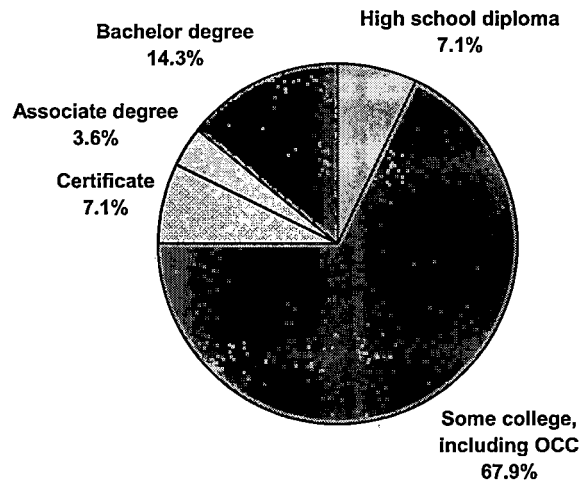
**Race/Ethnicity (N=28)**



**Summary:** One student in the Machine Tool Technology courses was African American. The remaining 27 students were White/Caucasian.

**Table 16: Educational Attainment**

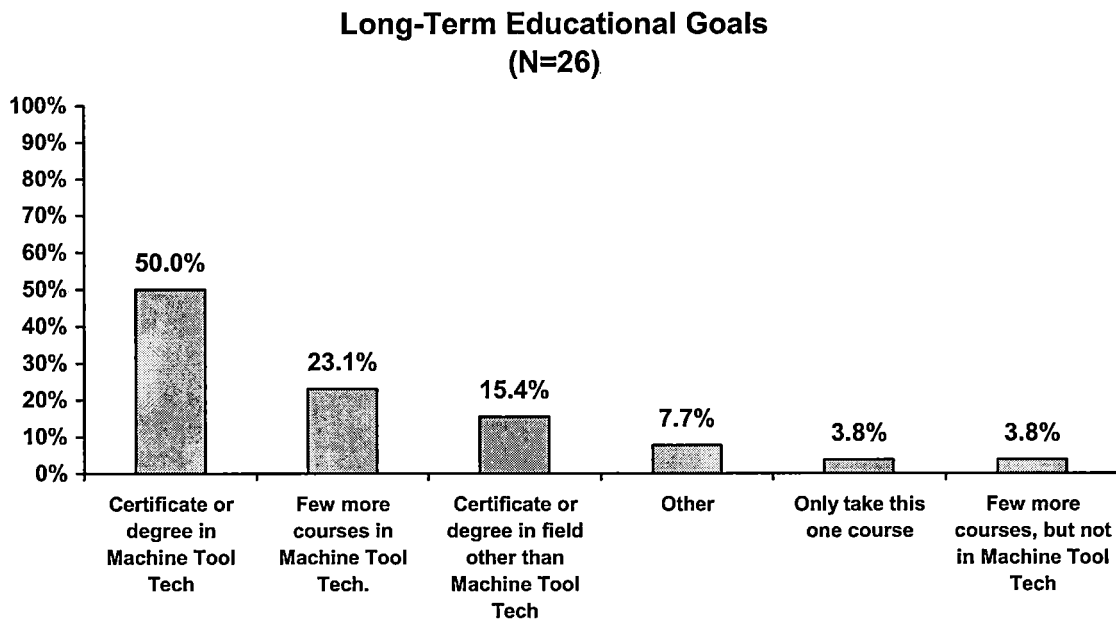
**Highest Level of Education Attained (N=28)**



**Summary:** Ninety-three percent (92.9%) of Machine Tool Technology students had attended college prior to taking the course(s). Approximately one-fourth (24.7%) had earned a certificate or degree.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
<i>Base (N)</i>	15	13
High school diploma	6.7%	7.7%
<i>Any College</i>	93.3	92.3
Some college	73.3	61.5
Certificate	6.7	7.7
Associate degree	6.7	0.0
Bachelor degree	6.7	23.1

**Table 17: Long-Term Educational Goals (Next Five Years)**



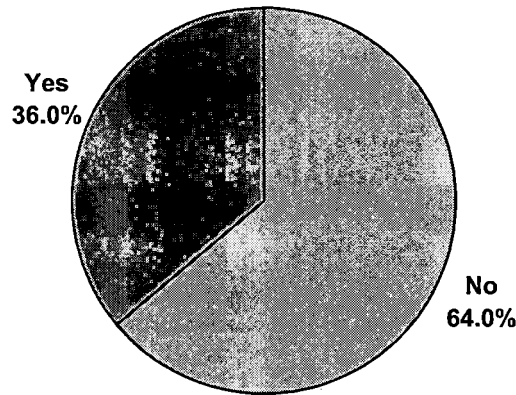
**Summary:** Two-thirds of students in Automobile Servicing courses during the Fall of 2002 intended to obtain a certificate or degree in the field.

- Although instructed to mark only one choice, one student marked more than one choice. Therefore, totals exceed 100%. That student plans to earn a degree or certificate in Machine Tool Technology *and* in another field.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
Base (N)	15	11
Only take this one course	0.0%	9.1%
Few more courses in Mach. Tool Tech.	20.0	27.3
Few more courses, not in Mach. Tool Tech.	0.0	9.1
Obtain certificate or degree in Mach. Tool Tech.	80.0	9.1
Obtain certificate or degree in field other than Mach. Tool Tech.	6.7	27.3
Other	0.0	7.7

**Table 18: Interaction With Counselor Regarding Educational Goals**

Percent of Students Who Met With Counselor to Discuss  
 Educational Goals  
 (N=25)

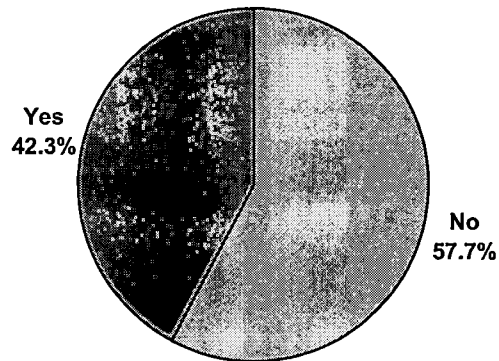


**Summary:** Most students (64.0%) have not yet met with a counselor to discuss their educational goals.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
<i>Base (N)</i>	15	10
No, have not met with counselor	73.3%	50.0%
Yes, have met with counselor	26.7	50.0

**Table 19: Students Who Have Taken Similar Courses at Other Schools**

**Percent of Students Who Have Taken Similar Courses  
 Related to Machine Tool Technology at Any Other Schools  
 (N=26)**

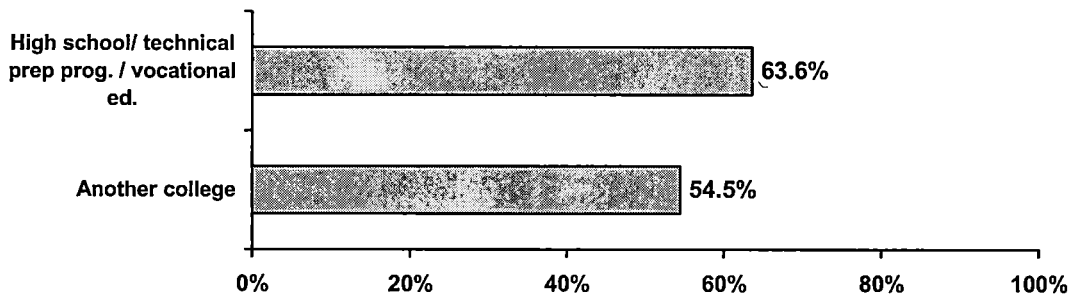


**Summary:** Forty-two percent (42.3%) of students had taken similar courses at other schools.

	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
<i>Base (N)</i>	15	11
No, have not taken similar courses at other schools	73.3%	45.5%
Yes, have taken similar courses at other schools	26.7	54.5

**Table 20: Other Schools At Which Students Have Taken Courses**

**Other Schools at Which Automobile Servicing Students  
 Have Taken Related Courses  
 (N=11)**



*Note: totals exceed 100% as some students took courses at high schools AND at another college.*

**Summary:** Of the 11 students who took related courses at other institutions, 63.6% had taken related courses at high schools and 54.5% had taken courses at another college.

Other colleges where students had taken courses included GMI, Lansing Community College, Michigan Technological University, Oakland University, and St. Clair Community College.

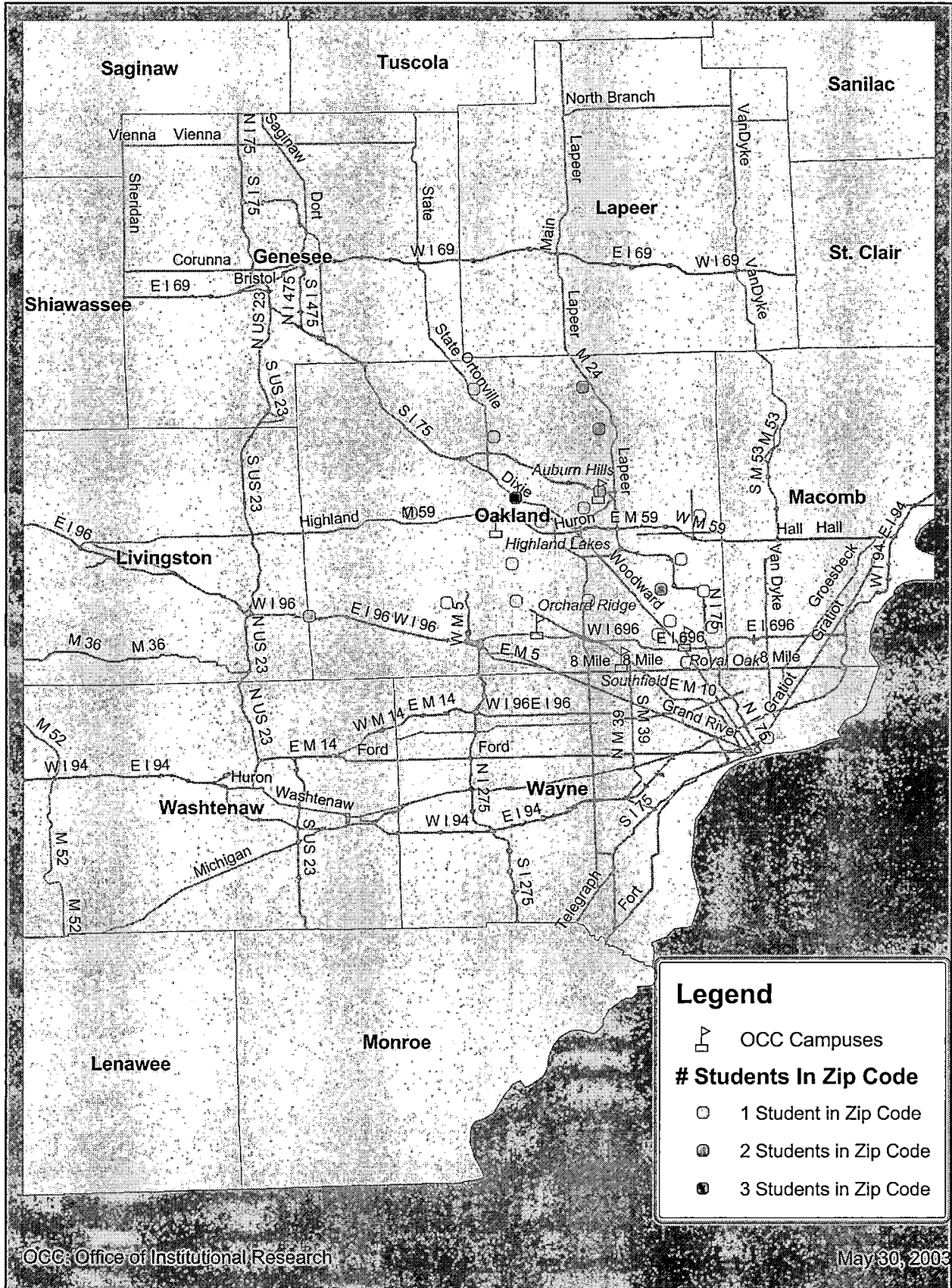
	<u>Seeking a Degree and/or Certificate</u>	<u>Not Seeking Degree or Certificate</u>
<i>Base (N)</i>	5	6
High School/ Technical Prep Prog./ Vocational Ed.	80.0%	50.0%
Another College	20.0	83.3

**Summary:** Although samples are much too small to test significance or draw conclusions, 5 of 6 who sought neither a degree nor certificate attended another college, compared to 1 out of 5 who were seeking a degree.

**Appendix:**  
**GIS Map**

# Zip Codes in Which Machine Tool Technology Students Reside

Self-Reported: Fall 2002 - Winter 2003 In-Class Survey Data



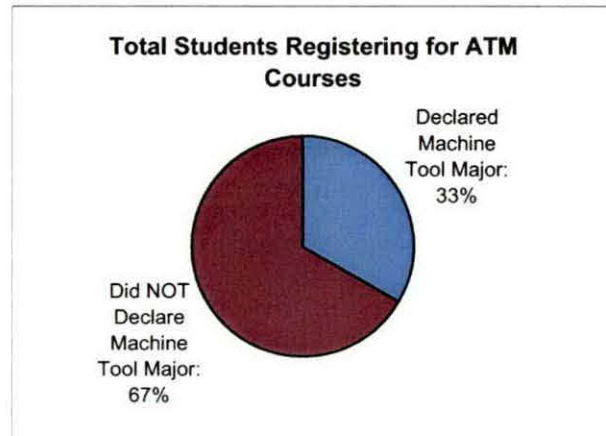


Oakland Community College  
 Students Enrolled in Machine Tool Technology Courses (1/10 Day Data)  
 Winter 2002

**Machine Tool Technology Program Information -- Winter 2002**  
**Source: Student Information System -- One-Tenth Day Data**

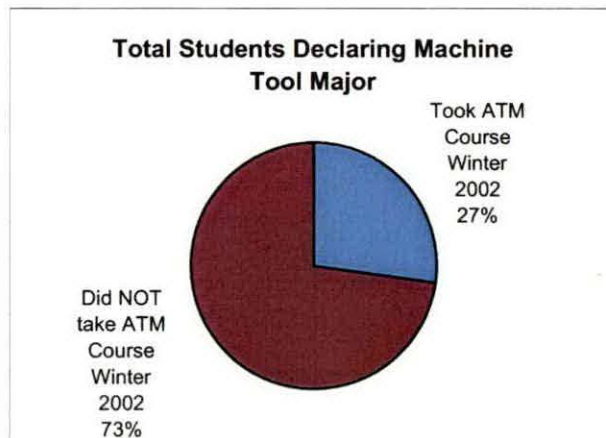
	<u>Number</u>
<b>Total Students Registered for ATM courses Winter 2002:</b>	<b>27</b>
Number Registered Who Declared Machine Tool Major:	9
Number Registered NOT Declaring Machine Tool Major:	18

*A total of 27 students registered for Machine Tool Courses. Of those 27 students, 9 declared Machine Tool Technology as their major.*



	<u>Number</u>
<b>Total Number of Students Declaring MAC/NUM Major As of Winter</b>	<b>33</b>
Number who Took ATM Course Winter 2002	9
Number who did NOT take ATM Course Winter 2002	24

*As of Winter 2002, 33 students had declared Machine Tool Technology as their major. However, 24 of these students did not enroll in a Machine Tool (ATM) course during the Winter term.*



**Oakland Community College**  
**Students Enrolled in Machine Tool Technology Courses (1/10 Day Data)**  
**Winter 2002**

**Students Registered in Machine Tool Technology Courses that  
 Declared One of the Machine Tool Technology Programs as Their Major  
 Winter 2002 -- Student Information System One-Tenth Day Data**

SSN	LNAME	FNAME	STREET	CITY	ZIP	CURRIC	COURSE1	COURSE2	COURSE3	COURSE4
297-50-5322	CRANK	KIRK	3080 CATALPA CT	AUBURN HILLS	48326	MAC	ATM110	TED103	ART151	CIS105
368-90-7120	WHITLOCK	STEVEN	211 W HOUSTONIA AVE	ROYAL OAK	48073	MAC	ART151	ENG135	ATM110	TED103
372-90-2210	BOOZEL	JONATHAN	3827 OLD CREEK RD	TROY	48084	MAC	ATM114	TED103		
374-21-4564	MOULE	HOHN	208 N GINSBOROUGH AVE	ROYAL OAK	48067	MAC	ATM112			
375-88-4804	KIEFFER	BRYAN	2075 W FRENCH RD	SAINT JOHNS	48879	MAC	ATM118	POL151		
380-64-2893	WASMUND	MARK	76755 DEQUINDRE RD	LEONARD	48367	MAC	ATM112			
380-82-7955	BYRNES	BERNARD	5315 W COURT ST	FLINT	48532	MAC	ATM118			
385-02-9027	LIDGEY	DAVID	18 SOUTH ANDREWS	LAKE ORION	48362	MAC	ATM112	MAT105		
374-80-8386	BOSTEK	JAMES	6750 INKSTER RD	WEST BLOOMFIELD	48322	NUM	ATM112			

Oakland Community College  
 Students Enrolled in Machine Tool Technology Courses (1/10 Day Data)  
 Winter 2002

**Students Registered in Machine Tool Technology Courses that  
 Did NOT Declare One of the Machine Tool Technology Programs as Their Major  
 Winter 2002 -- Student Information System One-Tenth Day Data**

SSN	LNAME	FNAME	STREET	CITY	ZIP	CURRIC	COURSE1	COURSE2	COURSE3	COURSE4
370-66-1064	WALRATH	LAWRENCE	2879 TALL OAKS CT 21	AUBURN HILLS	48326	ADM	ATM112			
365-04-3951	LEFEVRE	MATTHEW	167 W SHEVLIN AVE	HAZEL PARK	48030	ASC	ENG152	ATM110	HIS170	PSY251
382-58-6625	KINCZKOWSKI	DAN	1047 WOODRUFF LAKE DR	HIGHLAND	48357	ASR	ATA110	ATM110		
385-04-9613	LABRIE	JEFFREY	5440 CLARKSTON RD	CLARKSTON	48348	ASR	ATM110			
386-94-1007	WALSH	SHANNON	5636 MORNING DR	DAVISBURG	48350	ATM	ATM110			
371-92-8428	MC KOWN	BRETT	1281 WELLAND DR	ROCHESTER	48306	BUS	ENG152	MKT252	ATM110	ECO262
368-88-3126	SANDERS	MICHAEL	248 ROSARIO LN	WHITE LAKE	48386	CAM	ATM118			
374-04-9563	ROSE	DEWEY	533 MARQUETTE DR	ROCHESTER	48307	CAM	ATM110	DDT100		
372-04-7769	KENT	WILLIAM	3835 ARCADIA	ORCHARD LAKE	48324	ENG	ATM110			
375-06-9471	PRESSEL	NATHANIEL	3950 IRIS	WATERFORD	48329	ENG	ATM110	THE157		
373-02-4295	BRAGGS	ERIC	19996 GREENWALD DR	SOUTHFIELD	48075	GEN	ATM110	ARC112		
362-80-7281	PETTY	STACEY	35 SALLEE LN	PONTIAC	48340	GUE	ATM118			
091-32-9054	NIMPHIUS	JOHN	7530 BITTERBUSH	CLARKSTON	48348	NDS	ATM112	ATW832		
404-04-0184	HEDGER	WILLIAM	629 LAFFERTY DR	ROCHESTER HILLS	48307	ROB	MAT115	ATM112	ROB250	
362-04-4973	HAMPTON	PAUL	324 MOUNT VERNON BLVD	ROYAL OAK	48073	UND	ATM112	BUS140		
364-60-9017	MANN	JOSEPH	716 GARDENIA AVE	ROYAL OAK	48067	UND	ATM110			
366-58-2757	ALLEN	JAMES	1314 MEADOW GREEN LN	LINDEN	48451	UND	ATM110	ATW811	CAD110	
377-90-8083	PLOWMAN	JASON	185 EASTVIEW ST	LAKE ORION	48362	UND	EEC102	ATM114	MAT110	

**Oakland Community College**  
**Students Enrolled in Machine Tool Technology Courses (1/10 Day Data)**  
**Winter 2002**

**Students NOT Registered in Machine Tool Technology Courses that  
 Declared One of the Machine Tool Technology Programs as Their Major  
 Winter 2002 -- Student Information System One-Tenth Day Data**

SSN	LNAME	FNAME	STREET	CITY	ZIP	CURRIC	COURSE1	COURSE2	COURSE3	COURSE4
080-56-1567	MCCARTHY	PAUL	29790 RAVENSCROFT ST	FARMINGTN HLS	48331	MAC	MUS158	CAD2201		
362-76-8330	CAPLES JR	KEITH	476 W HUDSON AVE	MADISON HEIGHTS	48071	MAC	APP217			
366-58-7590	STAPULA	ROBERT	2685 KENMORE RD	BERKLEY	48072	MAC	APM821			
372-96-7845	CRISSMAN	SEAN	7908 BYWATER	WEST BLOOMFIELD	48324	MAC	APM821			
373-88-6945	KUBICKI	MARC	3066 LOON LAKE SHRS	WATERFORD	48329	MAC	BUS121			
375-92-3244	CHOLARH	SHAWN	37993 LANCASTER DR	FRMINGTON HILLS	48331	MAC	MAT110	PSY251		
377-06-7279	MCARTHUR	GREG	3714 DONLEY RD	ROCHESTER HILLS	48309	MAC				
379-90-8381	CARRAVALLAH	THOMAS	5144 ORMOND ROAD	WHITE LAKE	48383	MAC	APD844	DDT105		
380-88-0679	ELLIS	CHAD	33928 GLENVIEW DR	FARMINGTON	48335	MAC	ETT270			
386-02-3606	FAZZINI	MICHAEL	20360 SAINT LRENCE DR	CLINTON TWP	48038	MAC	ROB150			
366-60-5452	CULLEN	LAWRENCE	24131 SAINT MARY CT	FARMINGTON	48336	NUM	CAD2201			
368-70-1468	POSLAJKO	STEVEN	1665 HEMPSTEAD	TROY	48083	NUM	CAD215			
370-90-0543	ROSADO	JUAN	257 BALDWIN AVE # 3	PONTIAC	48342	NUM	PER1832			
373-80-3972	SMITH	ALAN	4400 ALAN LN	ORION	48359	NUM	PER173			
378-19-6045	SZEWCZUK	TOMASZ	3893 BELMONT ST	HAMTRAMCK	48212	NUM	APM821	PER174	ENG151	
378-86-5383	HINGST	BRIAN	3890 RESEDA RD	WATERFORD	48329	NUM	HUM171			
379-54-0795	BERTA	JAMES	3529 ALIDA AVE	ROCHESTER HLS	48309	NUM	PSY251			
381-84-0262	DEAN	WILLIAM	44649 COPLAND LN	NOVI	48375	NUM	MAT156			
382-84-9020	RATLIFF	JOSEPH	1814 N CENTER ST	ROYAL OAK	48073	NUM	SPE129	MAT105	FFT254	CNS115
382-90-5823	MC CREE	JULES	19278 BERG RD	DETROIT	48219	NUM	MAT115	CIS105	HIS151	
386-04-0198	LOGAN	JASON	P.O. BOX #210233***	CLARKSTON	48346	NUM	APM821			
386-92-4421	HASIAK JR	FRANKLIN	27701 DARTMOUTH ST	MADISON HEIGHTS	48071	NUM				
386-98-4382	PARKER	PATRICK	1515 WYANDOTTE AVE	ROYAL OAK	48067	NUM	ENG151			
390-60-6993	CZAPINSKI	TIMOTHY	30783 BRENTWOOD ST	SOUTHFIELD	48076	NUM	APM821	CAD110	PSY251	



OAKLAND  
COMMUNITY  
COLLEGE

# Student Questionnaire Machine Tool Technology Program

The information you provide on this form will greatly enhance OCC's ability to understand the backgrounds and goals of students who enroll in Machine Tool Technology courses. As a result, OCC will be able to better meet the needs of its students.

1. In which Machine Tool Technology program are you enrolled? **(Check Only One)**

- Machine Tool Technology
- Machine Tool Technology – Numerical Control Option
- Not enrolled in one of the Machine Tool Technology programs

2. Which of the following are reasons you are taking this course? **(Check all that Apply)**

- Pursuing OCC's Associates Degree in Machine Tool Technology
- Pursuing OCC's Certificate in Machine Tool Technology
- Personal interest (enjoyment only, not for career reasons)
- Increase my knowledge in a specific area of Machine Tool Technology
- My employer encouraged me to take this course
- To see if I like the field
- Other reason: \_\_\_\_\_

3. In what way will you use the knowledge and skills gained in this course? **(Check all that Apply)**

- Self-employment
- Use knowledge in my current job
- Get a new job with a different employer
- Get a new job with current employer
- Transfer to another college/university
- Other \_\_\_\_\_

4. Have you ever taken a course at OCC in the past?  Yes  No

5. How did you find out about this course? **(Check all that Apply)**

- Employer
- Friend/Family member
- College catalog, advertisement or other college publications
- College's web site
- Contacted the College
- Other: \_\_\_\_\_

6. Current employment status **(Check Only One)**

- Full-time (30 or more hours per week)
- Part-time (Less than 30 hours per week)
- Unemployed (actively looking for work) **go to question #10**
- Out of labor force (not looking for a job at this time) **go to question #10**

7. To what extent is this job related to Machine Tool Technology?

- Highly related       Somewhat related       Not at all related

8. When do you typically work most of your hours? **(Check only ONE option that most closely resembles your work hours)**

- Early morning -> Time: \_\_\_\_\_ AM / PM until \_\_\_\_\_ AM / PM
- Daytime -> Time: \_\_\_\_\_ AM / PM until \_\_\_\_\_ AM / PM
- Afternoon -> Time: \_\_\_\_\_ AM / PM until \_\_\_\_\_ AM / PM
- Evening -> Time: \_\_\_\_\_ AM / PM until \_\_\_\_\_ AM / PM

9. Current job title: \_\_\_\_\_

10. Home zip code: \_\_\_\_\_

11. Year of birth: 19 \_\_\_\_\_

12. Gender:  Female       Male

13. Race:  African American       White       Asian       Hispanic       Other \_\_\_\_\_

14. Your highest level of education attained thus far. **(Check Only One)**

- Some high school
- High school diploma
- Some college, no degree or certificate (***including any courses taken at OCC prior to this semester***)
- Certificate from a trade school or career school
- Certificate from another community college
- College degree ->       Associates       Bachelors       Masters or higher

15. What are your long-term (next five years) educational goals? **(Check Only One)**

- Only take this one course
- Take a few more courses in Machine Tool Technology
- Take a few more courses, but not in Machine Tool Technology
- Obtain a Certificate or Degree in the area of Machine Tool Technology
- Obtain a Certificate or Degree in a field other than Machine Tool Technology
- Other: \_\_\_\_\_

16. Have you met with a counselor to discuss your educational plans?

- Yes     No

17. Have you taken similar courses or courses related to this major at any other schools?

- Yes     No

18. If yes, where have you taken these courses?

- High School/technical preparation program/vocational education
- Trade school/Career school
- Another College: \_\_\_\_\_