



## Machine Tool Technology Tool List – 1<sup>st</sup> Semester Student

Quantity	Item
1	INCH/METRIC ALLEN WRENCH SET
1	6" DIAL CALIPER
1	CENTER GAGE
1	EDGE FINDER
1	8" & 10" MILL 2 <sup>ND</sup> CUT FILE W/ HANDLE
1	MAGNETIC BASE WITH FINE ADJUSTMENT
1	DIAL TEST INDICATOR SPI
1	MIGHTY MAG
1	1" TRAVEL INDICATOR
1	INDICOL HOLDER
1	1" MICROMETER
1	PARALLEL SET
1	THREAD PITCH GAGE
1	1/2 X 1/4 MEDIUM BENCH STONE
1	1/2" 6FL 90° COUNTERSINK
1	"B" DEBURRING TOOL WITH BLADES
1	2LB DEAD BLOW HAMMER
1	#3 JACOBS CHUCK KEY
1	10" ADJUSTABLE WRENCH

**Estimated Package Total:**

*Prices above are estimates and are subject to change!* Students can purchase tools anywhere they wish. The vendor listed is one we have worked with and they have a good reputation for customer service.

**Vendor:** Northern Precision, 3565 Hoffman Dr NW, PO Box 649, Owatonna, MN 55060  
1-800-988-7719, npsales@centurylink.net

If you have any questions, please contact one of the instructors at South Central College.



## Machine Tool Technology Tool List – 2-Year Student

Quantity	Item
1	INCH/METRIC ALLEN WRENCH SET
1	6" DIAL CALIPER
2	#2 KEO CENTERDRILL
2	#3 KEO CENTERDRILL
1	CENTER GAGE
1	DYKEM BLUEING 4OZ
1	EDGE FINDER
1	8" & 10" MILL 2 <sup>ND</sup> CUT FILE W/ HANDLE
1	MAGNETIC BASE WITH FINE ADJUSTMENT
1	DIAL TEST INDICATOR
1	MIGHTY MAG
1	1" TRAVEL INDICATOR
1	INDICOL HOLDER
1	MACHINIST HANDBOOK
1	1" MICROMETER
1	PARALLEL SET
1	6" STEEL RULE
1	THREAD PITCH GAGE
2	3/8" TOOLBITS
2	1/4" TOOLBIT
1	PRECISION SOLID SQUARE
1	TAP & DRILL SET
1	5PC 4FL DE ENDMILL SET
1	1/2 X 1/4 MEDIUM BENCH STONE
1	1/2" 6FL 90° COUNTERSINK
1	17/32" SILVER & DEMING DRILL
1	3/4" SILVER & DEMING DRILL
1	1/4-28 SP PT TAP
1	4-40 SP PT TAP
1	5/16" 6FL 82° COUNTERSINK
1	1/4" 6FL 82° COUNTERSINK
1	1/2" 6FL 82° COUNTERSINK
1	"B" DEBURRING TOOL WITH BLADES
1	2LB DEAD BLOW HAMMER
1	#3 JACOBS CHUCK KEY
1	10" ADJUSTABLE WRENCH
1	3/8" 90° SPOTTING DRILL
1	SAFETY GLASSES
1	3/4" 6FL 90° COUNTERSINK
1	29PC JOBBER DRILL SET

### OPTIONAL ITEMS

1	3/4" INDEXABLE ENDMILL KIT
1	3 IN 1 115PC JOBBER DRILL SET

### Estimated Package Total:

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**Machine Tool Technology  
Full Program Tool Cost**

<b>HAND TOOLS</b>		<b>Price</b>	
<b>QTY</b>	<b>DESCRIPTION</b>		
1	SAFETY GLASSES	\$	3.35
1	INCH/METRIC ALLEN WRENCH SET	\$	15.35
1	8"&10" MILL 2ND CUT FILE w/HANDLE	\$	22.05
1	2LB DEAD BLOW HAMMER	\$	13.70
1	#3 JACOBS CHUCK KEY	\$	3.15
1	10" ADJUSTABLE WRENCH	\$	32.95
1	1/2x1x4 MEDIUM BENCH STONE	\$	10.75
1	DYKEM BLUEING 4OZ	\$	13.49

**Subtotal** \$115

<b>PRECISION TOOLS</b>		<b>Price</b>	
<b>QTY</b>	<b>DESCRIPTION</b>		
1	THREAD PITCH GAGE	\$	22.25
1	PRECISION SOLID SQUARE	\$	21.20
1	6" STEEL RULE	\$	10.15
1	6" DIAL CALIPER	\$	67.40
1	CENTER GAGE	\$	9.00
1	PARALLEL SET	\$	31.50
1	EDGE FINDER	\$	12.35
1	MAGNETIC BASE WITH FINE ADJUSTMENT	\$	36.40
1	DIAL TEST INDICATOR	\$	62.70
1	MIGHTY MAG	\$	14.20
1	1" TRAVEL INDICATOR	\$	26.80
1	INDICOL HOLDER	\$	76.00
1	MACHINIST HANDBOOK	\$	100.35
1	1" MICROMETER	\$	25.35

**Subtotal** \$ 515.65

<b>CUTTING TOOLS</b>		<b>Price</b>	
<b>QTY</b>	<b>DESCRIPTION</b>		
2	3/8" HSS TOOLBITS (Priced per Pair)	\$	4.00
2	1/4" TOOLBIT (Priced per Pair)	\$	2.00
1	5PC 4FL DE ENDMILL SET	\$	67.80
1	17/32" SILVER & DEMING DRILL	\$	14.35
1	3/4" SILVER & DEMING DRILL	\$	20.55
1	1/4-28 SP PT TAP	\$	5.95
1	4-40 SP PT TAP	\$	6.80
1	5/16" 6FL 82° COUNTERSINK	\$	10.80
1	1/4" 6FL 82° COUNTERSINK	\$	9.80

1	3/4" 6FL 90° COUNTERSINK	\$	27.45
1	1/2" 6FL 82° COUNTERSINK	\$	13.60
2	3/8" 90° SPOTTING DRILL	\$	10.60
1	"B" DEBURRING TOOL WITH BLADES	\$	9.80
1	29PC JOBBER DRILL SET 1/16"-1/2" X 64THS	\$	78.90

**Subtotal** \$ 282.40  
**Total Required Tools** \$ 912.84

OPTIONAL ITEMS but recommended		Price	
QTY	DESCRIPTION		
1	3/4" INDEXABLE ENDMILL KIT	\$	121.00
1	TAP & DRILL SET	\$	95.85
1	3 IN 1 115PC JOBBER DRILL SET (Sub for 29pc Set)	\$	217.20
2	#2 Center Drills (priced per Pair)	\$	10.90

**Subtotal** \$ 444.95  
**Total Required and Optional Tools** \$ 1,357.79

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