

**MANUFACTURING TECHNOLOGY****STUDENT LAB TOOL LIST**

**THIS IS A COMPLETE LIST OF TOOLS FOR STUDENTS MAJORING IN MANUFACTURING TECHNOLOGY. WHEN PURCHASING TOOLS, STUDENTS SHOULD PAY CLOSE ATTENTION TO THE DETAILED DESCRIPTIONS LISTED BELOW.**

ITEM	QTY	DESCRIPTION
1	1	SAFETY GLASSES (ANSI APPROVED: Z87.1)
2	1	SCRIBER CARBIDE TIP & MAGNETIC END RECOMMENDED
3	1	SOLID CENTER PUNCH 1/8" MINIMUM POINT DIAMETER
4	1	16 OZ. BALL PEIN HAMMER
5	1	ADJUSTABLE WRENCH (1-1/8" CAPACITY)
6	1	1 COMBINATION BENCH STONE 6" X 2" X 1" ALUMINUM OXIDE COURSE & FINE GRIT
7	1	EDGE FINDER
8	1	DIAMOND DRESSING TOOL SINGLE POINT DIAMOND 1/3 CARAT WEIGHT 7/16" SHANK DIAMETER
9	1	4-1/2" "KANT TWIST" CLAMP
10	1	1/4" - 1/2" T-HANDLE TAP WRENCH PLAIN TYPE WITH SLIDING HANDLE RECOMMENDED
11	1	2" CHIP BRUSH NATURAL OR CHINA BRISTLE RECOMMENDED
12	1	12' TAPE MEASURE
13	1	6" / 150MM STEEL RULE GRADUATIONS: 10THS, 50THS, MM, & 1/2 MM
14	1	6" PROTRACTOR RECTANGULAR HEAD RECOMMENDED
15	1	DIAL TEST INDICATOR .001" GRADUATIONS .030" MINIMUM RANGE
16	1	INDICATOR HOLDER "INDICOL" OR "AXIAL SUPPORT" TYPE

ITEM	QTY	DESCRIPTION
17	1	MAGNETIC BASE STRONG MAGNET PROPER CLAMP FOR DIAL TEST INDICATOR FINE ADJUSTMENT RECOMMENDED
18	1	6" / 150MM CALIPER INCH / METRIC READING HARDENED STAINLESS STEEL CONSTRUCTION DIGITAL TYPE RECOMMENDED
19	1	0" - 1" OUTSIDE MICROMETER .0001" GRADUATIONS RATCHET STOP OR FRICTION THIMBLE SPINDLE LOCK CARBIDE FACES RECOMMENDED
20	1	Jobber Length Drill Sets fractional sizes 1/16 - 1/2 by 64ths HSS 118 <sup>1</sup> point surface bright or treated
21	1	59° DRILL POINT GAGE
22	1	60° CENTER GAGE
23	1	TOOL CHEST 30" MAXIMUM WIDTH
24	1	3' CABLE OR CHAIN
25	1	PADLOCK

Leather Shoes are recommended for comfort and safety.

26	1	WORK SHOES OR BOOTS FULL LEATHER UPPERS- NO OPEN AREAS OIL & SLIP RESISTANT SOLES STEEL TOE OPTIONAL
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If sensitive to dust and particles.

27	1	PARTICULATE RESPIRATOR (NIOSH APPROVED: N95) EXHALATION VALVE RECOMMENDED
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If you have any questions, please contact a program faculty member at:

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