

Machining and CNC Technology ♦ First Year ♦ 2024-2025 Tool List

REQUIRED TOOLS / INSTRUMENTS

Quantity	ITEM		
1	set	Hex Keys (metric 2-12mm) BONDHUS	\$15.00
1	set	Hex Keys (inch 5/32-1/2") BONDHUS	\$15.00
1	ea	0-1 Micrometer friction or ratchet thimble (Starrett T230XRL or T230XFL Mitutoyo Series 102 – opt. both must read to .0001 Carbide Faces)	\$120.00
1	ea	60-degree center gage, Starrett #C391	\$8.00
1	set	Open end / box wrenches to 15/16ths	\$40.00
1	ea	12" adjustable wrench	\$30.00
1	ea	Magnetic base (NOGA)	\$100.00
1	ea	1" Travel dial indicator, .001 calibrations (Starrett, Swiss, or Brown & Sharpe) Good Quality	\$113.00
1	ea	Edge finder (Starrett #827B) recommended	\$29.00
1	ea	6" digital caliper (Mitutoyo) recommended/8" preferred	\$151.00
1	ea	Center punch 90 degrees, medium	\$9.00
1	ea	Ball peen hammer, 20 oz.	\$25.00
1	ea	Carbide-tipped scribe	\$11.00
1	ea	6" Precision rule, Mitutoyo, 1/2 flex recommended	\$13.00
1	ea	Screw pitch gage, inch / import OK	\$21.00
1	ea	12 ft. measuring tape /1/2" width	\$13.00
1	ea	Toolbox (must lock) 7-drawer machinists	\$370.00
1	ea	Mitutoyo test indicator 513-242	\$137.00
1	ea	Magnetic base for 1" indicator Mitutoyo Mag	\$21.00
1	ea	Dead blow hammer (1# - can be imported)	\$35.00
1	ea	Thread pitch wires (quality import ok)	\$35.00
1	ea	INDICOL test indicator holder	\$96.00
1	ea	Half-round smooth file, 10" USA	\$27.00
1	ea	Parallel set 1/8 inch wide / Import	\$80.00
1	ea	8 GB flash drive	\$15.00

MUST HAVES FOR FIRST DAY OF CLASS			
1	pair	Safety glasses	\$2.50

NOTE: *It is recommended that students not purchase tools or equipment until after classes have begun and specific tool/equipment requirements have been discussed in class.*

APPROX. TOTAL COST OF TOOLS / INSTRUMENTS

(Does not include the cost of textbooks)

\$1200 - \$2000

(Prices subject to change based on price quotes received from the vendors)

Link for Finding Textbooks & Bookstore Cost

www.bookstore.nic.edu



SUPPLIERS:

- | | |
|--|------------------------------------|
| Stellar Industrial Supply | 509-532-9100 |
| 1120 N. Howe Rd., Spokane, WA 99212 | |
| Enco | 800-USE-ENCO (800-873-3625) |
| 400 Nevada Pacific Hwy., Fernley, NV 89408 | |
| MSC | 800-645-7270 |
| www.msdirect.com | |
| General Tool & Supply Co. | 208-798-3239 |
| 0016 9th St. Lewiston, ID 83501 | |
| Bixby Tool Co. | 800-428-2803 |
| 1218 N. Fancher Road, Spokane, WA 99212 | |
| Swift Tool Co. | 800-562-0900 |
| www.swifttool.com | |



Machining and CNC Technology ♦ Second Year ♦ 2024-2025 Tool List

Quantity	ITEM
1 each	Parallel set 1/8 inch wide / Import
1 each	1-2" Micrometer with friction or ratchet thimble (Starrett T2XRL or T2XFL Mitutoyo Series 103)
	Must read to .0001" with Carbide Faces
1 Set	Telescoping Gages (no Import)
1 Set	Small Hole Gages (No Import)
1 each	16 Gig or larger USB flash drive memory stick

Quantity	ITEM
MUST HAVES THE 1ST WEEK OF FALL SEMESTER	
1 pair	Safety glasses

NOTE:
It is recommended that students not purchase tools or equipment until after classes have begun and specific tool / equipment requirements have been discussed in class.

APPROX. TOTAL COST OF TOOLS / INSTRUMENTS
(Does not include the cost of textbooks)
\$500 to \$600
(Prices subject to change based on price quotes received from the vendors)

Link to Textbooks & Bookstore Cost
www.bookstore.nic.edu

NOTE: *These tools are in addition to those purchased for the first year of the program.*

SUPPLIERS

Aronson-Campbell
99514 East Montgomery, #27
Spokane, WA
800-854-7501 509-891-4047

MSC Industrial Supply
800-645-7270
www.mscdirect.com

Bixby Tool Co.
1218 N. Fancher Road
Spokane, Wa
800-428-2803

Swift Tool Co.
800-562-0900
www.swifttool.com



North Idaho College
CAREER AND TECHNICAL EDUCATION ♦ TRADES AND INDUSTRY DIVISION
Physical address: 7064 W. Lancaster Road Rathdrum, ID 83858
Mailing address: 1000 W. Garden Ave. Coeur d'Alene, ID 83814
www.nic.edu