Book & Tool List

COMPUTERIZED MACHINING TECHNOLOGY

Advanced Technical Certificate: Computerized Machining Technology

Book List for ATC – Computerized Machining Technology

Course	Course Title	Book Title	ISBN	Cost
MACH 1110	Machine Tool Lab I	Machinery's Handbook 31, Toolbox Edition, 31st 20 Ed.	9780831137311	111.96
MACH 1111	Machine Tool Theory I	Machine Tool Practices, 11th 20 Ed.	9780134893501	227.40
MACH 1112	Machine Math I	Mathematics for Machine Technology, 8th 20 Ed.	9781337798310	204.63
MACH 1123	Blueprint Reading	Print Reading for Industry, 11th 22 Ed.	9781645646723	108.80
			TOTAL	**$652.79**

Course Fees for ATC – Computerized Machining Technology

Course	Course Title	Fee
MACH 1110	Machine Tool Lab I	50.00
MACH 1120	Machine Tool Lab II	50.00
MACH 1131	CNC Mill Setup	50.00
MACH 1141	CNC Lathe Setup	50.00
MACH 2270	CNC Programming Practices I	50.00
MACH 2280	CAD and CAM Applications II	50.00
MACH 2290	CNC Machining Practice II	70.00
MACH 2291	CAD and CAM Applications III	70.00
	TOTAL	**$440.00**

Tools/Supplies for ATC – Computerized Machining Technology

Quantity	Description	Cost
1	Calculator – TI-36X or equivalent	18.00
1 pair	Safety Shoes (Steel Toe Required)	50.00
1 pair	Safety glasses with side shields OSHA	3.00

Quantity	Description	Cost
6	High speed steel with 5% cobalt lathe bits 3/8" x 3/8"	25.00
1	6 inch caliper – digital or dial type	95.00
1	2 inch paint brush	1.00
1	Dial indicator – 1" minimum travel	15.00
1	Dial test indicator with attachments	125.00
1	10 inch smooth cut file	10.00
1 set	25 piece radius gauge set	40.00
1	Thread center gauge – 60 degree standard	8.00
2	Grease pencils	2.00
1	20 oz dead blow hammer	15.00
1	Magnetic indicator base with attachments	30.00
1	Micrometer – 0-1" (Vernier Reading to 4th decimal place)	110.00
1	Micronmeter 1-2" (Vernier Reading to 4th decimal place)	125.00
1	Micronmeter 2-3" (Vernier Reading to 4th decimal place)	170.00
1	Depth Micrometer – 0-6"	240.00
1	#3 Center Drill	5.00
1	#4 Center Drill	8.00
1	6 inch triangular taper file	8.00
1 set	6 piece adjustable parallels	160.00
1	6 inch pliers	8.00
1 set	Screwdrivers – Regular and Philips	9.00
1	Scriber	6.00
1	Tape measure	8.00
1 set	Thread Wires	21.00
1	Mighty mag way magnetic base	15.00
1	Wrench, adjustable – 12"	15.00
1	Telescoping gauge – 4 piece set	100.00
1	Wrench, hex key – 1/32" to 3/8"	9.00
1	Wrench, hex key metric 2-8	8.00
1	110 Piece drill set	180.00
1 pair	Tool Box – top box (max width 30")	250.00
1	Cabinet – Roller (max width 30")	425.00
2	Clamps, cantilever (1", 2", and 3")	25.00
1 set	Swiss pattern files	12.00
1	10 oz Ball pein hammer	15.00
1	Half round indicator clamp holder	35.00
1	Sharpening stone (Arkansas hard) – approximately 4" x 1/2" x 1/2" square	5.00
1	Sharpening stone (Arkansas medium) – approximately 4" x 1/2" diameter round	8.00
1	Offset edge finder	22.00
1	Tap guide	10.00
1	Square combination set (4 piece set)	200.00

Quantity	Description	Cost
1	Wrench, box end – 3/4”	8.00
1 pair	Noise reduction ear muffs	15.00
1	3/4” x 7/8” Combination box wrench	18.00
	TOTAL	**$2690.00**

Summary

Tuition	$18,678.00
Books	$652.79
Fees	$440.00
Tools/Supplies	$2,690.00
Program Total	$22,460.79

**Costs listed are estimations and should not be considered a guarantee.*