

Book & Tool List

COMPUTERIZED MACHINING TECHNOLOGY

Associate of Applied Science: Computerized Machining Technology

Book List for AAS – Computerized Machining Technology

Course	Course Title	Book Title	ISBN	Cost
MACH 1110	Machine Tool Lab I	Machinery's Handbook 31, Toolbox Edition, 31 st 20 Ed.	9780831137311	104.96
MACH 1111	Machine Tool Theory I	Machine Tool Practices, 11 th 20 Ed.	9780134893501	213.19
MACH 1112	Machine Math I	Mathematics for Machine Technology, 8 th 20 Ed.	9781337798310	182.52
MACH 1123	Blueprint Reading	Print Reading for Industry, 11 th 22 Ed.	9781645646723	102.00
COMM 1101	Fundamentals of Oral Communication	Fund. Of Oral Communication Access Code	9781644850817	78.57
ENGL 1101	Writing and Rhetoric I	Perusall Access – Everyone's an Author W/R, 4 th Ed.	2818440009310	65.06
MATH 1153 (Obj. 3 option)	Statistical Reasoning	MyLab Statistics with Pearson eText Access Code for Intro Stats, 6 th 22 Ed.	8220144761755	131.24
PHYS 1101 (Obj. 5 Option)	Elements of Physics	Perusall Access – College Physics 1E, 16 Ed.	9781947172012	14.27
TOTAL				\$891.81

Course Fees for AAS – 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	50.00
PHYS 1101	Elements of Physics	30.00
TGE 1158	Employment Strategies	20.00

Course	Course Title	Fee
	TOTAL	\$470.00

Tools/Supplies for AAS – 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
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 4 th decimal place)	110.00
1	Micrometer 1-2" (Vernier Reading to 4 th decimal place)	125.00
1	Micrometer 2-3" (Vernier Reading to 4 th 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

Quantity	Description	Cost
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
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	\$17,828.00
Books	\$891.81
Fees	\$470.00
Tools/Supplies	\$2,690.00
Program Total	\$21,879.81

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