

**EASTERN MAINE COMMUNITY COLLEGE – PIPE FABRICATION CONCENTRATION**

**CURRENT PIPE FITTER PERSONAL TOOL LIST  
Fall Semester 2006 (dated 11-9-05)**

The following items must be provided by students and accompany them at the beginning of the first class period. It is essential that students wear safety shoes and safety glasses on the first day of school because some work will be performed in the laboratory. Pricing is approximate.

1	Metal tool box 20"x 9 ½"	\$25.00	1	Flame retardant jacket	\$25.00
2	Padlock	\$16.00	1	Pair of high topped safety shoes	\$100.00
1	32 oz. ball peen hammer	\$27.00	1	Spark lighter	\$2.20
1	12" adjustable wrench	\$20.00	1	Set tip cleaners for oxy/fuel cutting	\$5.00
1	½" Center punch	5.00	1	Package of flints for spark lighter	\$1.05
1	10" Adjustable wrench	\$15.00	1	Full-face flame cutting shield #5 lens	\$11.00
1	8" Adjustable wrench	\$12.00	2	Shaded replacement lens shade #5	\$7.50
1	8" Needle nose pliers	\$7.50	1	Full-faced clear cutting shield	\$11.00
1	9" Linesmen's pliers	\$8.50	2	Clear replacement lens	\$6.25
1	10" water pump pliers	\$10.00	1	Welding helmet	\$50.00
2	10R vise grip pliers	\$14.45	2	Shade #10 Glass welding lens	\$4.00
1	#1 Straight blade screw driver	\$5.00	10	Clear plastic cover lenses	\$15.00
1	#2 Straight blade screw driver	\$5.00	1	Safety glasses with side shields	\$8.00
1	#3 Straight blade screw driver	\$5.00	6	Pair of leather faced work gloves	\$15.00
1	#1 Phillips screw driver	\$5.00	1	Welding Gloves	\$8.00
1	#2 Phillips screw driver	\$5.00	1	Welding hat (Kromer or Landry)	\$8.00
1	#3 Phillips screw driver	\$5.00	2	Steel wire welding brush	\$4.00
1	Hacksaw	\$15.00	1	Chipping hammer	\$8.50
1	Torx wrench set	\$15.00	1	3M 6291 Respirator (equivalent)	\$16.50
1	Allen wrench set	\$15.00	4	Respirator replacement cartridge	\$20.00
12	Hacksaw blades	\$12.00	4	Reusable ear plugs	\$20.00
2	14" ½ round file	\$5.50			
1	File handle	\$3.20	1	4 ½" Angle grinder	\$100.00
1	Combination square	\$8.50			
2	12" Framing squares	\$4.25		<b>Mechanical Drawing Tools</b>	
1	24" Aluminum framing square	\$12.50			
1	25 foot steel tape measure	\$12.00	1	Drafting Kit (that includes items below)	\$40.00
1	Carbine metal scribing tool	\$5.00	2	Staedtler 551 40 WP compass	\$18.00
1	9" Torpedo level with magnet	\$8.50	1	14" 30°/60° acrylic drafting triangle	\$10.00
2	4" wraparound	\$25.00	1	14" 45° acrylic drafting triangle	\$10.00
2	Plumb Bob with 25' string	\$10.00	1	36" T-square	\$15.00
10	Soapstone markers	\$0.50	1	36" Aluminum yard stick	\$15.00
1	Soapstone holder	\$1.00	1	360° acrylic protractor	\$5.00
1	Universal Protractor	\$10.00	1	10" or 12" Scissors	\$12.50
1	Scientific calculator (TI-36X Solar)	\$20.00	1	Staedtler MARS 571 40WP Irregular Curve Set	\$7.00
1	6 foot folding wooden rule (inside read)	\$10.00	1	Staedtler 977 110 Professional Combo Circle Template	\$8.00
				<b>TOTAL:</b>	\$961.90

The following items can be considered as "nice to have" items but not essential tools for the Pipe Fab program. These tend to save time by making layout tasks less complicated and are strongly recommended.

1	Laser level	\$140.00
1	Automatic prick punch	\$27.81
1	Set of combination wrenches 3/8" - 1 1/4"	\$75.00

**NOTE:**

An estimate for the price of tools has been requested by the Enrollment Center to inform the student of potential prices. Please be advised that these prices are retail and do not reflect a college discount; however local vendors usual do offer a discount. A substantial discount for the entire package may be available by some. Although the tools that the students are responsible for can be purchased for the approximate retail cost of \$880.00, it could also be more or less money depending on quality. The better quality of tools purchased initially will, without question, result in longer lasting tools. The decision of what quality to purchase remains the students', but if one intends to make a career with these tools, it will be more cost effective to purchase better quality initially.

PIPE FABRICATION CONCENTRATION IN WELDING TECHNOLOGY

Suggested Vendor List

<b>COMPANY NAME</b>	<b>ADDRESS</b>	<b>TELEPHONE #</b>	<b>REPRESENTATIVE</b>
Advantage Gasses & Tool	1122 Outer Hammond Street Bangor, ME 04401	207-942-6393	Robb Smith 207-852-5119 (Cell)
Maine Oxy Acetylene Supply Company	131 Robertson Boulevard Brewer, ME 04412	207-989-1467	Jim Bovine
N.H. Bragg & Sons	92 Perry Road Bangor, ME 04401	207-947-8611	Glen Snyder 207-944-3436
Inpro, Inc.	329 Roosevelt Trail P.O. Box 1087 Windham, ME 04062	1-800-866-1865	Dave Ross 207-748-5158 (Home) 207-631-4785 (Cell)

Vendors have agreed to offer discounts to students who choose to be a complete package of tools (with the exception of hard toe safety boots). Many of these vendors will be present at orientation in August to arrange for tool packages.