



## MANHATTAN AREA TECHNICAL COLLEGE BUILDING TRADES TOOL LISTS

The following list is the tools required for the Building Trades program. Students should have the tools at the beginning of the program. It is recommended that professional quality tools be purchased. This is a basic tool set and you may wish to obtain more tools throughout the year.

**Tools are required and will be checked within the first week.** Quality tools are a must. Cheap tools break and will need to be replaced. Most quality tools have a warranty.

- 1) Tool Box, or tool bag.
- 2) Tape measure 25" to 35'
- 3) 3) 8-point cross cut saw
- 4) Aluminum Framing square (R-100, Stanley (recommended)) Make sure it has rafter tables marked on it.
- 5) Combination square
- 6) Block plane (with blade adjustment knob)
- 7) Utility knife, (Adjustable blade)
- 8) 2-Hammers (with fiberglass or metal cushioned handle)
  - 13-16 oz. Finish
  - 20 to 28 oz. Framing
- 9) Levels -24" and 48"
- 10) Nail Sets -1/32", 2/32", and 3/32"
- 11) 100 ft. Chalk line and chalk - (Red or Blue)
- 12) Screw drivers -straight and Phillips
- 13) Coping saw with extra blades
- 14) Wood Chisels -1/4", 1/2", 3/4", and 1"
- 15) Carpenter's pencils -2
- 16) Hack Saw
- 17) Adjustable wrench 10"
- 18) 100' Tape (Should be small enough to carry in nail apron when necessary)
- 19) 4 in 1 hand rasp -8"
- 20) Nail apron
- 21) Nail Claw
- 22) Straight chisel bar or handyman offset bar
- 23) Hard hat
- 24) **Safety glasses**
- 25) Leather, work gloves
- 26) Ear plugs
- 27) Drywall Saw
- 28) Drywall Rasp-Sur-Form
- 29) Drywall finishing knife-5" or 6"
- 30) Drywall finishing knife-8"
- 31) Drywall finishing knife-10"
- 32) Mud Tray 12 or 14" (stainless steel)

- 33) 4 in 1 Screwdriver
- 34) 5 in 1 or 6 in 1 Painter Tool
- 35) Swanson Speed Square, Small & Large
- 36) Torpedo Level
- 37) Sliding T-bevel
- 38) Rubber boots for Concrete and Mud
- 39) 7" Long nose Vice-grips
- 40) Tin snips-red handle (**aviation type snips**)
- 41) Vise grips, clamp style, small
- 42) 12 #2 Wood pencils
- 43) Stair gauges (Starrett #111 are the best).
- 44) Drill bit index with bits (1/16-1/2) in 1/64 increments
- 45) 18 volt or higher battery powered drill with charger and extra battery (Your choice of brand name)
- 46) Spade/paddle bits (1/4" up to 1")
- 47) Knee pads (optional)

**\*\*\*CLOTHES\*\*\***

"Be prepared" to work in extreme weather conditions. Cold weather clothes, such as insulated, wind breaking coveralls, over-alls, jackets, hats, and gloves are very important.

**You should be neat in appearance. No shorts or ripped shirts will be worn.** Inappropriate drawings or prints on Tshirts will not be tolerated. Steel toed shoes or boots that will protect your feet are necessary.