



These tools are in a kit, available from The College Store

www.penncollegebooks.com

Top Chest Toolbox - *Toolbox dimensions cannot exceed 28"W x 21"H x 18"D; may have roller but MUST be sized proportionately*

1/2" Dr Extension, 11"

1/2" Dr Extension, 3 1/2"

1/2" Dr Extension, 5"

1/2" Dr Ratchet

1/2" Dr Socket Clips 25

1/4" Dr. Socket Set w/extensions

12 Point Shallow Sockets : 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 3/16", 1 1/4"

12' Tape

3/8" Dr Extension 3"

3/8" Dr Extension 6"

3/8" Dr Ratchet

3/8" Dr Socket Clips 25

6 Point Shallow Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"

Breaker Bar, 15"

Caliper, Dial, 0" to 6" range

Circuit Tester (18V and 24V)

Circuit Tester (6V and 12V)

Combo Metric Wrench Set 7 pc 10-15,17mm

Cutters, Diagonal, Vinyl Grips

Gauge, Feeler, U.S./Metric, 25

Hacksaw, Deluxe (for 12" blades)

Hammer, Ball Peen, 16 oz.

Hammer, Ball Peen, 4 oz.

Hammer, Dead Blow, Soft Grip, 24 oz

Heavy Duty Flashlight with Magnet

Long Sleeve Coveralls

Mallet, 3 lb

Metric Sockets 12 pcs 8-19mm

Multimeter, Digital, Automotive

Pliers, Needle Nose with Side Cutter

Pliers, Slip Joint

Pliers, VISE-GRIP®, Locking

Prybar, 16"

Safety Glasses Clear Lens/Black Frames

Scraper

Screwdriver, Flat & Phillips 5 pc

Scribe, Straight End/Hooked End

Set, Punch and Chisel, 11 pcs.

Socket Rail, 13 3/8"

Socket Rail, 16 3/4"

Standard Hex Key Set (folding, 5/32"-3/8")

Standard Hex Key Set (folding, .050"-3/16")

Steel Rule, 6"

Wire Crimper/Stripper

Wrench Set, Combination, Long, 12-Point (11 pcs.) (3/8" to 1")

Wrench, Combination, 1 1/4", 12-Pt

Wrench, Combination, 1 1/8", 12-Pt

Wrench, Metric, Combination, 18mm 12 pt

Wrench, Torque, 1/2"

Student is required to wear leather work shoes or boots and coveralls in all labs.