

## ARCHITECTURE & CONSTRUCTION AND MANUFACTURING CLUSTERS

### Architecture, Construction, and Manufacturing Foundation Course

Revised 8/16/2012

Item	Price	Number	Total
Air compressor	900.00	1	\$900.00
Air Hose, 50'	50.00	1	\$50.00
Air regulator	50.00	1	\$50.00
Allen wrench set (metric & standard)	40.00	1	\$40.00
Angle grinder	100.00	3	\$300.00
Architect's scale	15.00	15	\$225.00
Automatic and/or Mechanical Pencils	10.00	12	\$120.00
Bench Vise, 6" or larger	150.00	1	\$150.00
Bit Driver Set (Hex or Allen and Torx)	50.00	2	\$100.00
Blade, Abrasive	15.00	2	\$30.00
Block Plane	45.00	1	\$45.00
Braided Line, 500'	10.00	2	\$20.00
Brushes, Paint	10.00	15	\$150.00
Calculator	5.00	15	\$75.00
Cat Paw Nail Digger	25.00	2	\$50.00
C-clamps (4, 6, 8, 10, 12 in.)	20.00	12	\$240.00
Chalk line	20.00	2	\$40.00
Chisel, Wood Set	35.00	3	\$105.00
Circle Template	6.00	15	\$90.00
Clamps, assorted (metal/wood)	25.00	10	\$250.00
Clamps, Bar	20.00	6	\$120.00
Cold chisels, assorted	20.00	1	\$20.00
Computer Table w/ Additional Work Space and Chair	200.00	1	\$200.00
Computer, appropriate software & equipment/internet access	1,000.00	1	\$1,000.00
Convex Jointer, Heavy Duty	10.00	2	\$20.00
Countersink bit set	10.00	5	\$50.00
Current NEC CD and/or Workbook	50.00	1	\$50.00
Dividers	10.00	15	\$150.00
Drill bit set, metal/wood	50.00	1	\$50.00
Drill Bits, Masonry Carbide	50.00	1	\$50.00
Drill press vise	150.00	1	\$150.00
Drill press, 15", variable speed	1,000.00	1	\$1,000.00
Drill, ½" Hammer	250.00	1	\$250.00
Drill, ½" Right Angle	200.00	2	\$400.00
Drill, portable power, variable speed, reversible	200.00	4	\$800.00
Drywall Hammer	30.00	15	\$450.00
Drywall Handsaw	35.00	15	\$525.00
Drywall Hole Saw	15.00	15	\$225.00
Drywall Screw Drill	100.00	6	\$600.00
Engineer's scale	25.00	15	\$375.00

Erasers (Pencil, Ink, and Plastic)	5.00	15	\$75.00
Erasing Shield	2.00	15	\$30.00
Expansion Bit	30.00	2	\$60.00
Extension Cord, 12/3, 25'-100', Grounded	80.00	2	\$160.00
File assortment	40.00	3	\$120.00
First aid kit	35.00	1	\$35.00
Fish Tape, 100'	25.00	2	\$50.00
Grinder, Pedestal or Portable	200.00	1	\$200.00
Hacksaw	20.00	3	\$60.00
Hammer, Ball Pein, (16-32 oz.)	17.00	1	\$17.00
Hammer, Claw	30.00	15	\$450.00
Hammer, Dead Blow	50.00	3	\$150.00
Hammer, Roofing	25.00	2	\$50.00
Hammer, Sledge	35.00	2	\$70.00
Hammer, Soft Face	25.00	2	\$50.00
Hand Jointer V	15.00	2	\$30.00
Hand plane	25.00	2	\$50.00
Handsaw	25.00	3	\$75.00
Hard hat ( <b>per student</b> )	20.00	15	\$300.00
Hole Saw Set for Drill (Wood)	30.00	2	\$60.00
Impact Gun, 1/2" Air Drive	250.00	1	\$250.00
Impact Gun, 3/8" Air Drive	200.00	1	\$200.00
Increment borer	225.00	1	\$225.00
Irregular Curves Template	8.00	15	\$120.00
Joint Raker	15.00	4	\$60.00
Knock Out Punch Set	100.00	1	\$100.00
Ladder (6'-14' Step)	100.00	3	\$300.00
Ladder, 24' Extension	200.00	1	\$200.00
Lanyard	60.00	2	\$120.00
Level (12" to 48")	25.00	4	\$100.00
Level, Mason's	60.00	2	\$120.00
Level, Torpedo	20.00	15	\$300.00
Machinist vise	150.00	1	\$150.00
Magnetic Pick-up Tool	20.00	1	\$20.00
Mallet, Wooden	25.00	1	\$25.00
Multimeter, Digital, Overload Protected	150.00	2	\$300.00
Nail sets	10.00	6	\$60.00
Nut Driver Set (Metric)	65.00	2	\$130.00
Nut Driver Set (Standard)	65.00	2	\$130.00
Pin, Trig	10.00	5	\$50.00
Pipe cutter	35.00	1	\$35.00
Pipe die set	300.00	1	\$300.00
Pipe reamer	20.00	1	\$20.00
Pipe vise (fixed or portable)	375.00	1	\$375.00
Pipe wrench	30.00	3	\$90.00

Plier, multi-purpose groove joint	20.00	2	\$40.00
Pliers, combination slip joint	20.00	15	\$300.00
Pliers, diagonal cutting	15.00	15	\$225.00
Pliers, lineman side cutting	10.00	15	\$150.00
Pliers, Locking	15.00	15	\$225.00
Pliers, long needle nose side cutting	10.00	15	\$150.00
Plumb Bob	12.00	4	\$48.00
Pneumatic finish nail gun	200.00	2	\$400.00
Pneumatic framing nail gun	300.00	2	\$600.00
Pneumatic stapler	200.00	2	\$400.00
Portable belt sander	150.00	2	\$300.00
Portable circular saw	100.00	3	\$300.00
Portable power sander	100.00	2	\$200.00
Printer, Network or Dedicated	250.00	1	\$250.00
Propane torch kits	35.00	3	\$105.00
Pry Bar	19.00	2	\$38.00
Punch Set	50.00	1	\$50.00
PVC cutter	50.00	6	\$300.00
Radial arm saw, 10" - 12"	2,000.00	1	\$2,000.00
Router	150.00	1	\$150.00
Router bit set	200.00	2	\$400.00
Router dovetail kit	100.00	1	\$100.00
Ruler, Masonry Folding-6'	20.00	2	\$40.00
Safety Glasses/Goggles (per student)	8.00	15	\$120.00
Saw, Band, 14" or larger	1,700.00	1	\$1,700.00
Saw, Compound Miter	600.00	1	\$600.00
Saw, Jig, variable speed	100.00	1	\$100.00
Saw, Metal Chop	300.00	1	\$300.00
Saw, Reciprocating	150.00	1	\$150.00
Saw, Scroll	350.00	2	\$700.00
Saw, Table, 10" minimum	2,500.00	1	\$2,500.00
Screwdriver, assorted + & -	25.00	2	\$50.00
Shovel, round point	40.00	2	\$80.00
Shovel, square point	40.00	2	\$80.00
Socket set, English	60.00	2	\$120.00
Socket set, Metric	60.00	2	\$120.00
Square, Combination	10.00	4	\$40.00
Square, Framing	15.00	4	\$60.00
Square, Speed or Try	10.00	4	\$40.00
Square, T - 4'	18.00	2	\$36.00
Tape Measure (16'-50')	14.00	5	\$70.00
Tape, Measure (100')	25.00	1	\$25.00
Tin snips set (left, right, center)	30.00	2	\$60.00
Triangle, 30/60 degrees and 45 degrees	5.00	15	\$75.00
Triangular Scales (Architect, Civil Engineer, Metric)	15.00	15	\$225.00

Vise clamps	14.00	12	\$168.00
VOM, multi tester/clamp or current tester	150.00	1	\$150.00
Water hose 100'	40.00	1	\$40.00
Wheelbarrow	200.00	1	\$200.00
Whiteboard with Markers	175.00	1	\$175.00
Wire strippers	17.00	6	\$102.00
Wood bits, Power set	15.00	3	\$45.00
Wood Rasp Set	12.00	3	\$36.00
Work bench, wooden	300.00	4	\$1,200.00
Wrench, Adjustable Set (6", 8", 10", 12")	25.00	2	\$50.00
Wrench, Combination Set (English & Metric)	120.00	2	\$240.00

**\$31,815.00**

OPTIONAL: Trainers, CNC Systems, and Simulators that enhance student learning, raise student achievement, meet industry standards, and have SDE approval.