GPTC BAS PROGRAM STRUCTURE

Building Automation Systems Program
(All Tools Listed are Required for Each BAS Course)

Required Tool List for Program

(pdf packet)

1/ Tool Box
2/ Refrigeration Gauges with Quick Couplers
3/ Service Wrenches (1/4", 3/8")
4/ Safety Goggles
5/ Leather Gloves
6/ Pocket Thermometers (2) 0-20 deg. F.
7/ 6" Crescent Wrench
8/ 8" Crescent Wrench
9/ 12" Crescent Wrench
10/ 10" Channel Pliers
11/ Open Box End Wrench (3/8", 1/2", 9/16", 5/8", 3/4")
12/ Full Allen Wrench Set
13/ Respirator Masks
14/ Pocket Flashlight
15/ Tape Measure (25')
16/ Clamp-on Digital Voltmeter
17/ Wire Strippers 2 pair (1 small gauges, 1 medium gauges)
18/ 2 Control Screwdrivers (flathead)
19/ 4" Common Screwdriver (3/16" x 4")
20/ 6" Common Screwdriver (1/4" x 6")
21/ 4" Phillips Screwdriver #1 & 6" Phillips Screwdriver #2
22/ Conduit Bender with 1/2" & 3/4" Heads
23/ Needle Nose Pliers
24/ Wire Crimpers
25/ 9" Torpedo Level
26/ Full Nut Driver Set (1/4", 5/16", 3/8", 7/16", 1/2")
27/ 8" Lineman Pliers
28/ Conduit Bender with (1/2" & 3/4" Heads)
29/ 1 Infrared Handheld Temperature Sensor
30/ 1 Handheld Humidity Sensor
31/ Voltage Proximity Sensor (2) (1 Low Voltage & 1 High Voltage)
32/ Laptop Computer with Windows (Any brand will do)
33/ Echelon Lonworks Network Card (Either USB or PCMCIA)

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