Pennsylvania College of Technology

PENNSTATE



Tools & Supplies List

Aviation Maintenance Technology Aviation Technology **Aviation Maintenance Technician**

School of Transportation Technology

Lumley Aviation Center, Montoursville, PA (570) 320-8037

- Tool box, roll cabinet
- Ratchet, 1/4" drive
- Extension, 1/4" drive (2" & 6" long) Socket Set, 1/4" drive, 12 point Shallow (3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16)
- Ratchet, 3/8" drive
- Extension, 3/8" drive (3" & 6" long) Socket Set, 3/8" drive, 6 point Shallow (3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8)
- Magnetic spark plug socket, 3/8" drive
- Screwdriver, flat tip (1 1/2", 3", 6", & 8"
- Screwdriver, Phillips, #1 (3" & 6" long) Screwdriver, Phillips, #2 (1 1/2", 4", & 9 1/2" ong) Screwdriver, Phillips, #3 (6" long)
- Awl, Stubby Cotter Pin Puller
- Scribe
- Pin Punch Set with Center Punch
- Drill Bit (#11, #21, #30, #40, 1/4")
- Pliers, Combination 7 1/2"
- Pliers, Adjustable Joint 12" (Channel Lock)
- Pliers, Needle Nose with side cutter 7"
- Pliers, Duck Bill 7"
- Pliers, Diagonal cutter 7" Pliers, Wire Twister 10 1/2" (Safety Wire)
- Hammer, Ball Peen 12 oz.
- Hammer, Soft Face 16 oz.
- Wrench Set, Combination, (1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8)
- File Handle, Adjustable
- File, Half Round, Finishing, 6"
- File, Round, 6"
- File, Mill, 9'
 - File, Card (Brush & Cleaner)
- Steel Rule, 6"
- Combination Square
- Inspection Mirror
- Hinged-Head Magnetic Pick-Up Tool
- Safety Glasses
- Respirator, Paint Spray (for enamel & lacquer paints)
- Soldering Iron, Industrial (40 watt)
- Ear Protector, Headphone Style
- DBF3/32C 3/32" Drill Bit DBF1/8C 1/8" Drill Bit
- DBF5/32C 5/32" Drill Bit
- DBE30C #30 Drill Bit DBE40C #40 Drill Bit

- Hex Key Set- Wrench, L-Shape, Hex (15 pcs.) (.028 to 3/8")
- 4" Diagonal Wire Cutters
- 6" Needle Nose Pliers
- Electronic Screwdriver Set. Screwdriver. Combination, Electronic Miniature, Flat Tip/PHILLIPS (7 pcs.)
- Stubby Screwdriver Set -Screwdriver, PHILLIPS, Black Handle, #2 tip, 3 3/4"
- Stubby Screwdriver Set- Screwdriver, Flat Tip, Round Shank, Black Handle, .037 x 1/4" tip, 3 5/16"
- Automatic Wire Strippers -Wire Stripper, Automatic, Type E Teflon, 16-26 AWG 6
- Retaining Ring Pliers -Fixed Tip, Convertible, 0°/.038" tips, 6 7/16"
- Spline Key Set -Wrench, L-Shape, (15 pcs.) (.033" to .454")
- Electronic Solder -1/2 LB ROLL, 60/40 SOLDER, .032" DIA
- Hemostats -Mini-Pliers, Straight Jaws, 7"
- Nutdriver Set -Non-Conductive Composite, 7 pcs 3/16"
- Cannon Plug Pliers AT1508K
- BNC Prob (10x) 603-06201
- OSCILLOSCOPE KIT 15001K

***Aviation classes use ARO 210 style 1/4" NPT couplers with either ARO Type B 1/4" NPT male and/or female adapter plug ends for our air hoses and tools.