PIA Branch Campuses – Tools & Equipment Requirements

Effective February 2026

FOR STUDENTS STARTING BEFORE JULY 2026

The tools listed here may be purchased from any source. As a service to its students, PIA permits several vendors to visit the school and address new students concerning their tool needs. Acquisition of the tools listed is a requirement for successful progress. Students who do not obtain the required tools at the times indicated may be sent home by their respective instructors and will not be permitted to reenter school until they have acquired the prescribed tools.

The student must possess the tools listed on the first day of the semester indicated. These are new tools, which MUST be acquired for each term of study. Some tools used, particularly in later terms, are those previously purchased by the student, and are not listed here. The student may obtain an inventory of all tools required for a particular term of study from the appropriate instructor.

FIRST SEMESTER/UNIT

- Allen wrench set (up to 5/16")
- C-Clamps (2) 4"
- Combination wrench set (3/8 to 1") (No universal spline type)
- Dial Caliper, 0-6" (no digital)
- Flashlight
- Hammer, soft face 12oz.
- Inspection mirror (small, non-lighted) 2 1/4"
- Multimeter *(See approved multimeter list)*
- Diagonal cutters
- Pliers, 6" combination (slip-jaw)
- Pliers, Fine Needle nose
- Pliers, Duck bill (Smooth Jaw)
- Pliers, round nose
- Screwdriver, common, 4" shank
- Screwdriver, common, 6" shank
- Screwdriver, Phillips, #1
- Screwdriver, Phillips, #2
- Socket set w/ratchet ¼" drive (12 point)
- Socket set w/ratchet 3/8"
- 25' Tape measure
- Socket extensions 3" & 6" ¼" drive (wobble type)
- Tool Box (20" x 8.5" x 9.5")
- Tweezers, curved tip
- Automatic Wire Strippers
- Apex Bit set

SECOND SEMESTER/UNIT

- Crescent wrench 6"
- Pocket knife
- Screwdriver, stubby combination
- Safety wire pliers (optional)
- Screwdriver, common, 3/8" x 12" shank
- Adapter ¼' to 3/8"
- Adapter 3/8" to ¼"
- Breaker bar, 3/8"
- Crows foot set, 3/8" drive, 3/8" to ¾"
- Extension, 3/8" x 6"
- File handles (3each)
- File, half round, 8"
- File, mill, (bastard cut) 6"
- File, mill (bastard cut) 10"
- Feeler gauge set
- Ignition wrench set
- Jewelers file set
- Magnetic pick up
- Speed handle, 3/8 drive
- Punch, center

THIRD SEMESTER/UNIT

- Aviation snips, straight
- Cold chisel, ¼" flat
- Hammer, ball peen, 12oz
- Hook scribe
- Putty knife
- Punch, pin 3/32"
- Punch, pin 1/8"
- Punch, pin 5/32"
- Scissors,basic 3-4"
- Square, combination 12"

FOURTH SEMESTER/UNIT

- NA

Approved Multimeter Models

Westward 22XX19
Amprobe 34XR-A
Amprobe 38XR-A
Fluke 177
Fluke 179

NOTE: Tools and equipment, like textbooks, may change in accordance with revisions in the curriculum.