GAVILAN COLLEGE
Aviation Maintenance Technology
Minimum Required Tools List
Rev. G

1. Tool box
2. Safety glasses or goggle (optional - full face shield)
3. Gloves
4. Box of disposable gloves
5. Hearing protection
6. Calculator with at least square root function (TI-30XIIS recommended)
7. Machinist’s rule
8. Hammers: 8 oz. ball peen
   soft hammer (rubber is OK)
9. Screw drivers: 3 ea. – slotted (1/8” thru 1/4”)
   Phillips #2
   very small slotted
   stubby slotted and Phillips
10. Hacksaw (fix frame) and metal blades
11. Pliers: common pliers
    water pump or channel lock
    duck bill
    needle-nose pliers
12. Diagonal cutters
13. Small wire cutters
14. Wire strippers
15. Wrench – 10” or 12” adjustable jaw
16. Combination wrenches: 1/4” thru 3/4” (1/16” increments) – 12 pt recommended
17. Socket sets: 1/4” drive – 1/4” thru 1/2” (1/16” increments) – 12 pt recommended
    3/8” drive – 5/6” thru 3/4” (1/16” increments) – 12 pt recommended
    3/8” deep socket set (optional)
18. 1/4” & 3/8” Socket drive u-joint
19. Ratchet wrenches: 1/4” drive
    3/8” drive
20. Extensions: 1/4” X 3”
    3/8” X 3”
    3/8” X 6”
21. Pin punches: 1/16”
    1/8”
22. Inspection mirror
23. 1” or 2” wide putty knife
24. Carpenter's square – approximant size 8” X 12”
25. Compass – pencil type
26. Utility knife
27. Small set Allen wrench (to 1/4”)
28. Center punch (automatic recommended)
29. Small flashlight or inspection light
30. Magnifying glass
31. Digital multimeter (Innova 3320 recommended)
32. Metal files
33. Drill bits:  
   5 - #40
   5 - #30
   5 - #21
34. Rivet gage (#3 thru #5)
35. Sharpie - Ultra Fine Tip
36. Safety Wire Pliers

Optional Recommended Additions
1. Schrader valve core tool
2. Cotter-key puller
3. Magnet or extension magnetic pickup
4. Brass drifts
5. Swivel/wobble sockets and extensions
6. Clip board
7. Offset Phillips and slotted screwdrivers
8. Vise grip pliers