COLUMBUS STATE COMMUNITY COLLEGE
Aviation Maintenance Technology

Minimum Required Tool List		
1/4" Drive Ratchet		Hacksaw with 24 – 32 TPI Blades
1/4" Drive Breaker Bar		Inspection Mirror
1/4" Drive Extensions (4" & 6" lengths)		Flashlight
1/4" Drive Shallow Sockets 3/16 – 9/16 (12 Point)		Safety Glasses
1/4" Drive Deep Sockets 3/16 – 9/16 (12 Point)		6" – 8" Round File
3/8" Drive Ratchet		10" Mill File
3/8" Drive Breaker Bar		Needle File Set
3/8" Drive Extensions (3" & 6")		File Handle
3/8" Drive Shallow Sockets 3/16" – 1 1/8" (12 Point)		Allen Wrench Set
3/8" Drive Deep Sockets 3/16" – 3/4" (6 Point)		Feeler Gauge Set
3/8" Drive Speed Handle		Screwdriver Set
3/8" Drive #2 Phillips Bit		Ratcheting Screwdriver
Combination Wrench Set 1/4" – 1" (15 Piece)		Telescoping Magnet
Ignition Wrench Set		Snap-ring Pliers With Interchangeable Bits
6" Slip Joint Pliers		Plastic Mallet With Removable Tips
6" – 7" Duck Bill Pliers		Scribe
6" – 7" Needle Nose Pliers		Adjustable Protractor
6" - 7" Diagonal Side Cutting Pliers		Paint Respirator and Filters (4 VOC Compliant)
Wire Strippers		Pencil Soldering Iron (30 – 45 Watt)
6" Steel Rule (Fractional and Tenths Scales)		Ear Protectors (20 - 26 db noise reduction recommended)
Punch and Chisel Set		VOM (analog or digital)
Putty Knife		20" Tool Box (Tray)
16oz. Ball Peen Hammer		
Optional Add-On Tools		
Large Combination Wrenches (1 1/16" – 1 ½")		6" & 12" Adjustable Wrenches
Safety Wire Pliers		12' Tape Measure
Set of Vice Grips™		1/4" Flex Sockets (12 Point)
Battery Powered Drill		Set of Angle Wrenches 3/8" to 1" (11 Piece)

1/21/2020

Tools are required for second semester.