

In the Avionics program, you will start using your tools immediately.

You are required to purchase and bring your own tools. We recommend you purchase good quality tools. If you do not have tools, and plan on purchasing tools in North Bay, please contact one of the vendors listed below a few weeks prior to startup. Bumper to Bumper has the full kit available to preorder. The link is on the Canadore website under the aircraft maintenance program - "Order your tools here". Snap-On tools are available through their corporate rep at a discount. Contact information is listed at the end.

TOOLBOX

Carry-on toolbox, 3 or 4 drawer or "Pelican" style case	Suggested Dimensions: 26" wide x 12" deep x 16" high (No roll cabinets allowed, limited storage space available)
---	---

RATCHET SET

1/4" drive fine tooth ratchet	
1/4" drive 12-point , shallow sockets:	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16
1/4" drive 12-point , deep sockets:	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16
1/4" drive extensions:	3", 6", 12" long
3/8" drive ratchet	
3/8" drive, 12-point, shallow sockets:	3/8", 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
Speed handle	3/8" drive
Screwdriver bit holder for speed handle	3/8" drive or 1/4" drive screwdriver
3/8" drive extensions:	3" and 6" or similar length
Drive adapter	3/8" stepped down to 1/4"

PLIERS

Duck Bill pliers	8"
Soft jaw cannon plug plier (optional)	Example: BluePoint PWC52A
Safety Wire Twisters - 6"	Good quality, reversible is optional

SCREWDRIVERS

Phillips screwdriver set #1 and #2 sizes	4-6 total screwdrivers, different lengths
Common screwdrivers:	4-6 total screwdrivers, different lengths
Jewelers' screwdriver set	Phillips and common
Ratcheting screwdriver with interchangeable tips	Phillips and common

WRENCHES

Combination wrench set	1/4", 5/16", 11/32, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1"
Hex Key Set (Allen keys)	1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
T handle Hex Key	3/32" 5/64"

MISCELLANEOUS (MANDATORY)

Small flashlight	Bright white LED, explosion proof recommended
6" Decimal Inch ruler	Recommended: Snapon 601 ruler.
12" flexible steel ruler	Aircraft easy read - inches
10 power magnifying glass or loop	
Extendable, adjustable inspection mirror	
Telescoping or flexible magnet	
Permanent Marker fine tip	Recommend: Staedtler Lumocolor waterproof
4 Piece Pick Set	Straight, hook, angled, 90 degree
Measuring tape	Approx 25 foot/10 meter

PERSONAL PROTECTIVE EQUIPMENT (PPE)

<i>Students will not be admitted to practical classes without PPE, NO EXCEPTIONS</i>	
Safety glasses - clear - CSA approved	Provided
Hearing protection	Provided
Safety shoes	(CSA green patch)

TOOL VENDOR LISTING

Bumper to Bumper - H.E. Brown 705-472-0400 northbay@muskoka auto.com
--

Snap-On

705-725-2378

<https://www.snapon.com/Industrial-Education/Snapon-Program.htm>**STUDENT TOOLKIT (Provided)**

Hakko flush-cut pliers	<i>These tools are provided in student kit.</i>
Astro Multimeter	
Mastercraft 6-pc screwdriver set	
Mastercraft comfort grip pliers set	
Mastercraft duffle tool bag	