

Technology Teacher Education Program - Required Safety Apparel and Supplies

Below are items that are needed throughout the TTED program. Students are encouraged to bring what they already own with them...

From safety and work wear suppliers...

Required:

- ❖ safety glasses (CSA standard Z94.3), optical quality, fit & comfort are very important
- ❖ many have replaceable lenses
 - ❑ Please note that regular eyeglasses are not acceptable, however some safety glasses will fit over eye glasses.
- ❖ coveralls or shop coat
- ❖ safety boots: must have CSA Green Triangle



Recommended:

- ❖ 1 set fitted ear plugs or muffs
 - ❑ Roger will arrange for students to be fitted with custom ear plugs (approx. cost \$90)
 - ❑ disposable ear plugs are available to students in the labs at no cost

The first nine items listed below can be purchased from hardware or industrial suppliers.

Here are some possible suppliers: [KMS Tools](#), [Canadian Tire](#), [Acklands Grainger](#), [Princess Auto](#) and [Raider Hansen](#)

Required:

- ❖ tape measure, 3m (10'), metric/imperial
- ❖ 6" metric/imperial vernier caliper: Standard or dial type preferred, rather than digital displays.
 - metric side capable of 0.02mm increments
 - Beware of inexpensive plastic ones which can be inaccurate!
- ❖ 3/8" square HSS lathe tool bit blanks (3 needed)
- ❖ centre drill for lathe, # 3 or # 4
- ❖ 150mm (6") metric/imperial scale
- ❖ Drill bits and index 1/16" - 1/4"
- ❖ hand (pocket) [honing stone](#)
- ❖ set of imperial Allen wrenches 5/64" – 1/4"
- ❖ set of metric Allen wrenches 1.5mm – 6mm
- ❖ 1 set artist's drawing lead pencils – range 6B-2H
- ❖ ultra-fine tipped felt marker
- ❖ artist sketch pad with heavy weight white paper, 11" x 17" or larger
- ❖ drafting tri-scale, imperial architectural (*for Term 2*)
- ❖ large package 3 hole lined note paper
- ❖ engineering pad with 1/4" grid (8.5" x 11") 3 hole punched
- ❖ utility knife
- ❖ scissors with approx. 4" blades
- ❖ memory stick (2.0 GB minimum)
- ❖ [solderless breadboard](#): (can be purchased at [RP Electronics](#))
- ❖ calculator: Sharp EL-520W recommended
- ❖ access to a desktop or laptop computer with Microsoft Word, Excel, PowerPoint
- ❖ 10X [hand lens](#) (can be purchased on campus)



Recommended:

- ❖ small tool box



Should you have any questions please feel free to contact me at **604-412-7412** or Email: Roger_Bortignon@bcit.ca

Thank you

Roger Bortignon, TTED Program Head