

Applied Building Construction Tool List 2022-23

All costs are approximate and are subject to change.

The trade requires tradespeople to work in many different types of weather conditions. Although the College experience will take place largely in classrooms and shops, it may also take place in the College compound where the construction of buildings may take place or work on outside structures. Students should be prepared to equip themselves accordingly to accommodate these conditions. Advice on necessary tool purchases can be obtained from the instructor of the program.

Required Supplies - \$655 (Needed for first day of class)

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| • Safety Boots (CSA Approved, Steel Toe, Green Symbol) | \$160 |
| • Winter clothing (Coveralls / Overalls, Jacket etc) | \$350 |
| • CSA Approved Hard Hat | \$40 |
| • Safety Glasses (CSA Approved, must be clear lenses) | \$20 |
| • Hearing Protection (as required in shops) | \$15 |
| • Classroom Supplies (pens, paper, binders etc) | \$50 |
| • Sharp EL-531XT Scientific Calculator | \$20 |
| • Duo Mobile APP Download | FREE |
| • OR YubiKey (see below) | \$70.00 |
| • <u>Must have access to a computer/laptop</u> , complete with a camera, microphone, and Microsoft Office.
<i>Assiniboine Community College can provide students with a link to download Microsoft Office 365 at no charge</i> | |
| • <u>Must have access to the internet</u> | |

Multifactor Authentication (MFA)

Assiniboine Community College requires all students and staff to use an additional method to verify identity when accessing college systems, this is known as [multifactor authentication \(MFA\)](#). MFA adds an extra layer of security to protect you, your personal information and college systems from unauthorized access and phishing attacks.

In order to access any program on the College's network, including MyACC, you are required to:

1. Download the free DUO Mobile app on your own mobile device and follow the enrollment steps outlined in the video on the MFA webpage, visit assiniboine.net/mfa. *Note: You will only do this when you first attempt to access our college system. Do not delete the app after, you will need it for every time you login to Assiniboine services.*

OR

2. Purchase a YubiKey, costs vary by type and are available at the Bookstore. It is important to know the type required for your device.

For more information on multifactor authentication visit, assiniboine.net/mfa.

Required Tools - \$450 (This amount includes the optional tools)

Prices may vary depending on where tools are purchased.

- Drafting Pencils - 4H Staedtler or similar and carpenter pencils
- Carpenter's apron/tool belt (Ballistic or leather)
- 16 oz.- 20 oz. framing hammer (Estwing, Plumb, Stanley)
- 12" Combination square (Stanley STT46-222)
- Speed Square
- **Chalk line** and Chalk (Stanley or Irwin)
- 25' Tape measure (1 inch) (Imperial)
- 5m/16' tape measure (3/4") (**Imperial & Metric**)
- Cat's Paw (Stanley 55-114 or similar)
- Set of 4 chisels (Marples M444S4N or similar) ¼", ½", ¾" & 1" Min. 4" Blade length
- Screwdriver must include #1 & #2 Robertson, #2 Phillips, ¼" flat (eg. Picquic 98883 Super 8 Plus or similar)
- Sliding t-bevel
- Utility knife
- Set of 3 nail sets
- Aviation snips (Wiss-Yellow handle)
- Paint brush (2"-2 ½" size)

Optional Tools

- Roof Framing Square - Imperial
- 15m/50 foot tape (Lufkin LFKHV15CME)
- Wonder bar (Stanley STT55-515)
- 8 Point Crosscut saw
- Spirit level (eg Torpedo 2ft.)
- 6"-9" dozuki pull saw (back saw) or similar
- Scratch awl