

| Description | Source | Part # | Price (CAD) | Quantity | CAD\$ Subtotal | Link | Comments |
|---|---------------------------|------------|-------------|----------|----------------|---|----------------------|
| NFC/RFID controller breakout board - v1.6 | kjdElectronics via Amazon | PN532 | \$57.73 | 1 | \$57.73 | https://www.amazon.ca/gp/product/B00KKUECAO/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1 | Includes Header Pins |
| CBAZY™ Hook up Wire Kit (Stranded Wire Kit) 20 Gauge Flexible Silicone Rubber Electric Wire 6 Colors 19.6 feet Each 24 AWG | CBAZY via Amazon | N/A | \$24.88 | 1 | \$24.88 | https://www.amazon.ca/CBAZYT-Stranded-Flexible-Silicone-Electric/dp/B075M28S6T/ref=sr_1_5?crid=2F9VQCWKVBMUA&keywords=20+gauge+wire&qid=1568920205&s=gateway&sprefix=20+gauge%2Caps%2C167&sr=8-5 | |
| JUMPER WIRE MALE FEMALE 6INCH 24AWG ASSORTED COLOR 10PCS/PKG | Sayal | EBHA-1042A | \$5.95 | 1 | \$5.95 | https://secure.sayal.com/STORE2/ViewSHOP.php?SKU=238895 | |
| CanaKit Raspberry Pi 3 B+ (B Plus) Starter Kit (32 GB EVO+ Edition, Premium Black Case,Power Supply,Switch,HDMI Cable,Heat Sinks) | Canakit Via Amazon | N/A | \$98.99 | 1 | \$98.99 | https://www.amazon.ca/CanaKit-Raspberry-Starter-Premium-Black/dp/B07BCC8PK7/ref=sr_1_3?crid=3E2VM1XOE1498&keywords=raspberry+pi+3&qid=1568921947&s=gateway&sprefix=rasp%2Caps%2C159&sr=8-3 | |
| AUSTOR Lead Free Solder Wire with Rosin Core 0.6mm | Austor via Amazon | N/A | \$16.99 | 1 | \$16.99 | https://www.amazon.ca/Austor-0-6mm-Lead-Solder-Rosin/dp/B071XVPJYX/ref=sr_1_1?keywords=solder+solder+lead+free&qid=1568922888&s=gateway&sr=8-1 | * |
| Soldering Iron Kit | Holife via Amazon | N/A | \$31.89 | 1 | \$31.89 | https://www.amazon.ca/Holife-Adjustable-Temperature-Controlled-Interchangeable/dp/B06XCZC4PF/ref=sr_1_5?keywords=soldering+iron&qid=1569510856&s=gateway&sr=8-5 | * |

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|---|-----------------------------|--------|---------|---|---------|---|--|
| Elegoo 3pcs MB-102 Breadboard 830 Point Solderless Prototype PCB Board Kit | Elegoo via Amazon | MB-102 | \$10.98 | 1 | \$10.98 | https://www.amazon.ca/Breadboard-Solderless-Prototype-Distribution-Connecting/dp/B01EV6LJ7G/ref=sr_1_3?keywords=breadboard&qid=1569509781&s=gateway&sr=8-3 | * |
| Wire Cutters | Excel via Amazon | N/A | \$13.22 | 1 | \$13.22 | https://www.amazon.ca/Excel-Wire-Cutter-4-1-2-Inch/dp/B000BQJDBA/ref=sr_1_10?crid=26RAOGC7VSWH9&keywords=wire+cutters&qid=1569511739&s=gateway&sprfix=Wire+cut%2Caps%2C158&sr=8-10 | * |
| Handicrafts Home 2.0 mm Ultra-Transparent Acrylic Plexiglass Photo Size Sheet Picture Frame Replacement Glass 5x7 Inches Pack of 5 Pcs. | Handicrafts Home via Amazon | N/A | \$15.99 | 1 | \$15.99 | https://www.amazon.ca/Handicrafts-Home-Ultra-Transparent-Plexiglass-Replacement/dp/B07J5FMK32/ref=sr_1_5?keywords=acrylic+sheet&qid=1569514139&s=gateway&sr=8-5 | Dependent on dimensions of Project Housing |
| Acrylic Cutting Fees | | | | | | https://www.lasercuttingplus.ca/price-list# | *0.07 per inch with \$50 minimum purchase |
| Import fees for PN532 | kjdElectronics via Amazon | PN532 | \$7.74 | 1 | \$7.74 | | |

**Services/Materials Provided/Covered by
Humber College*

Total(CAD) \$284.36 (estimate)

*Note Shipping fees may vary depending on
location and services provided by companies
such as Amazon Prime*