

**Group:** ForkGaurd

**Program:** Computer Engineering Technology (CET)

| Name            | Student # | Email                             | Signature* | Date |
|-----------------|-----------|-----------------------------------|------------|------|
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|                 |           |                                   |            |      |
|                 |           |                                   |            |      |

**Please choose one group member who will be responsible for picking up parts from the tool room**

**Name** Matthew Tuer

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\*\*\*Only use the following distributors:

[Digikey](#), [Mouser](#), [Newark](#), [Robotshop](#), and [Amazon.ca](#) (only Prime items)  
Items must be in stock.

**Please put cost in CAD and including taxes and shipping\*\*\***

| Name              | Quantity | Part Number    | Link  | Cost     |
|-------------------|----------|----------------|---|----------|
| ESP32S3           | 1        | B0DB1WK3C<br>W | <a href="#">esp-32</a>  | \$183.83 |
| USB C<br>BOB      | 1        | B0CXSC7S39     | <a href="#">eMagTech 10PCS USB 3.1 Type C<br/>Female Test Board Female Breakout<br/>Board</a> |          |
| PCB<br>Board kit  | 1        | B07PS4VCDD     | <a href="#">Miuzei PCB Board Prototype Kit</a>  |          |
| TTL to<br>RS485   | 1        | B0CKSDF6ZP     | <a href="#">TTL to RS485 485 to Serial UART</a>   |          |
| IMU               | 1        | B0F62LD3QH     | <a href="#">IMU</a>   |          |
| 0.91 inch<br>OLED | 1        | B0C7L289Y2     | <a href="#">0.91 inch screens</a>   |          |
| RC<br>forklift    | 1        | B0DX16YDYJ     | <a href="#">forklift</a>  |          |
|                   |          |                |   |          |
|                   |          |                |   |          |
|                   |          |                |   |          |