1. ~~Define block:~~
   1. ~~Size~~
   2. ~~Offset~~
   3. ~~Generate corresponding Gcode.~~
2. ~~Define wing:~~
   1. ~~Chord~~
   2. ~~Span~~
   3. ~~Define these~~ **~~within~~** ~~the block.~~
   4. ~~Make separate checking function to check the dimensions and that they fit inside the block correctly.~~
   5. ~~Display dimensions in label.~~
   6. ~~Generate corresponding Gcode.~~
3. ~~Top view~~
4. ~~Gcode for cutting the foam to size.~~
   1. ~~Make it optional, using the “margin” box.~~
5. ~~Adjust the speed of the portals.~~
6. ~~Change the hotwire to be controlled by the Arduino.~~
   1. ~~Save profiles of speed + material amperage.~~
7. ~~Make README.md for the firmware.~~
8. ~~Uninstall + reinstall Ubuntu and make an install\_requirements.txt file by making a list of necessary packages.~~
9. ~~Mark physical axes with~~ **~~blue~~** ~~and~~ **~~red~~**~~.~~
10. ~~Make a “set zero” button.~~
11. ~~Copy notebook into pdf on Dropbox and GitHub.~~
12. ~~Make an~~ **~~import~~** ~~button.~~
13. ~~Make separate GitHub for foam machine.~~
14. ~~Update this GitHub repository with the latest information.~~
15. ~~Finish GUI code for Speed + Amperes profiles~~
    1. ~~Take screenshots to explain it.~~
16. ~~Make progress on LabView and the six-component balance.~~

* ~~Next week:~~
  + ~~Finish code for Speed + Ampere profile.~~
  + ~~Hardware setup for hotwire, test hotwire being controlled by gcode.~~
  + ~~Make separate, public, GitHub.~~
  + ~~In person:~~
    - ~~Test speed + amperes profile gcode control, measure with Ammeter.~~
    - ~~Cut holes into box, mount everything inside including plugs for hotwire.~~
  + ~~Fix the problems with the wingspan calculation algorithm. Maybe, simplify it?~~
* Wish list:
  + Fix wingspan calculation algorithm.
  + Make an **import** button.