**Contact Information**

* **Twitter**: @borq79
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* **Github Repo:** https://github.com/borq79/Cary-Area-Public-Library-Classes
* **Google Discussion Group**: https://groups.google.com/forum/#!forum/cary-area-computer-science-education

**Course Plan – Subject to Change**

* **Day 1 – January 5th**
  + Introduction
  + Safety Overview
  + How to Solder
  + Solder up BME/BMP280
* **Day 2 – January 19th**
  + Schematics
  + Breadboard wire up Test
  + Configure NodeMCU modules
  + Thingspeak accounts
* **Day 3 – February 2nd**
  + How to solder review
  + DC Socket Assembly
  + Solder headers
* **Day 4 – February 16th**
  + PCB wiring
* **Day 5 – March 2nd**
  + Final assembly and test
  + Review

**Homework**

* <https://thingspeak.com/>
* Sign Up and Create an Account
* Create Test Channel
* Add single field called ’sample’
* Directions <https://github.com/borq79/Cary-Area-Public-Library-Classes/wiki>

**Extra Credit**

* Flash the nodeMCU with Firmware from Ryan's github
* Modify and load the init.lua and weather.lua scripts
* Directions: <https://github.com/borq79/Cary-Area-Public-Library-Classes/wiki>