

Iona Preparatory School -- Science Department

August 2017

Hi,

I see that you have signed up for the Electronics-Robotics class. I am sending this to remind you that it is essential for you to have a working computer with Internet access in Electronics-Robotics class every day. An iPad or other tablet is not adequate for this course because of the microcontroller programming work we will be doing. Although you will sometimes be working in groups, there will also be many times when you will be working individually so you cannot depend upon using someone else's computer. You need the following:

- A Windows, Mac, or Chromebook computer with a USB 2.0 port
- A browser - Chrome is best and Firefox works too. (Explorer and Edge are not supported).

As a summer assignment you should do the following:

1. Go to <http://ionaphysics.org/lobby/robotics/classroom/outline/GetBlocklyClient.pdf>
2. Follow the instructions "First assignment: Register at the BlocklyProp site and download and install the BlocklyProp client." This will lead you through registration, downloading, and installation.
3. Bring your computer (with that software already installed) to our first class meeting.

Much of our class time is devoted to lab work. You will fall behind very quickly if you do not have a working computer in class every day. Naturally, coming to class unprepared will have a negative impact on your grade.

I am looking forward to working with you in September. During the year we will be working on several different projects. By the end of the course you will have learned some engineering, some electronics, and some computer programming. I think this class is interesting, challenging, and a lot of fun. I hope you will agree with me!

Enjoy the rest of your summer vacation.

God bless.



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