**Setting Up EAGLE**

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| **#** | **Description** |
| 1 | Install Autodesk EAGLE  Register for a student license, giving you all the capabilities of the full version of EAGLE. I think it only lasts 3 years, however, unless they changed it when I downloaded my version. |
| 2 | Watch the following video  https://youtu.be/NJKZZArjdg8 |
| 3 | Clone the Linnes Lab EAGLE Libraries, as well as the SparkFun EAGLE Libraries and Adafruit EAGLE library to the eagle libraries directory  The EAGLE libraries directory is often located here: documents/eagle/libraries , though not necessarily. If you’re having trouble adding EAGLE libraries, please follow Steps 2 and 3 here:  <https://www.autodesk.com/products/eagle/blog/library-basics-install-use-sparkfun-adafruit-libraries-autodesk-eagle/>  Links to required EAGLE libraries:  <https://github.com/LinnesLab/LinnesLab-Eagle-Libraries.git>  <<https://github.com/sparkfun/SparkFun-Eagle-Libraries>>  <<https://github.com/adafruit/Adafruit-Eagle-Library.git>>  Please see NOTE 1. |
|  | Don’t forget to go the EAGLE control panel (the home screen when you open up EAGLE), find the libraries you just cloned, right-clicking the library name, then selecting “Use All”. Take a look at Step 3 here:  <https://www.autodesk.com/products/eagle/blog/library-basics-install-use-sparkfun-adafruit-libraries-autodesk-eagle/>  Also show in images below:  (You should see green circles next to the library names if they are enabled) |
| 4 | Clone the Milestones EAGLE Design Blocks repository to the design blocks folder in EAGLE located:  The EAGLE design blocks directory is often located here: documents/eagle/design blocks , though not necessarily. You can add additional paths for the design blocks like you did for libraries in Step 3 above. Of course, be sure you replace references of libraries with design blocks  You’ll probably have to put design blocks in quotes when you the “cd” command since it contains a space  <https://github.com/Purdue-Milestones/Milestones-EAGLE-Design-Blocks.git>  Please see NOTE 1. |
| 5 | Send any questions about “Setting Up EAGLE” to: <[ohoilett@purdue.edu](mailto:ohoilett@purdue.edu)> |

NOTE

1. **DO NOT DOWNLOAD THE ZIP FOLDERS**. Instead, **CLONE** the files to the appropriate directory. The libraries and design blocks are constantly changing. You should “git pull” to update your local copy regularly.