

ECTET Software Availability and Instructions to access.

	Windows	Mac
Arduino https://www.arduino.cc/en/main/software	Arduino 1.8.12 Available	Arduino 1.8.12 Available (Requires OSX 10.8 or newer)
Arduino Libraries	Arduino_Libraries.zip	Arduino_Libraries.zip
Eclipse https://www.eclipse.org/downloads/packages/	Eclipse IDE for C/C++	Eclipse IDE for C/C++
MinGW http://www.mingw.org/	Need to develop instructions or determine best way to distribute	Need to determine an alternative
MatLab (We use 2019a version) https://www.rit.edu/its/services/software-licensing	Links from the RIT website.	Links from the RIT website.
NI Circuit Design Suite (MultiSim) https://www.ni.com/en-us/support/downloads/software-products/download.circuit-design-suite.html#305920	Download and install version 14.2 Education from NI. Our serial number is: M84X42465	https://www.multisim.com/ Check with your instructor as to if this version will be allowed.
Mentor Graphics ModelSim	Obtain with Quartus	Not Available ** See below
Quartus / ModelSim / Cyclone V devices https://fpgasoftware.intel.com/18.1/?edition=lite&platform=windows	Download the Lite Edition, Release 18.1 of Quartus Prime, ModelSim-Intel FPGA Edition, and Cyclone V device support (4GB of download)	Not Available ** See below
University Program Tools for Quartus https://www.intel.com/content/www/us/en/programmable/support/training/university/materials-software.html	Download and install the University Program Installer for Windows	Not Available ** See below
ProTools https://www.avid.com/pro-tools	Download and install ProTools First Edition	Download and install ProTools First Edition
Xilinx Vivado (2019.1) https://www.xilinx.com/products/design-tools/vivado/vivado-webpack.html	Download and install Vivado HL WebPACK	Not Available ** See below
SnickerDoodle Files / Drivers	TBD	TBD

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Adobe Products https://helpx.adobe.com/download-install/kb/creative-cloud-desktop-app-download.html	Follow directions, use RIT email address, selection Company/School account	Follow directions, use RIT email address, selection Company/School account
Office 365 https://www.rit.edu/its/services/personal-computers/software/office-365	Follow directions from the website	Follow directions from the website
Other Microsoft OS/Products (MS Project) https://azureforeducation.microsoft.com/devtools	Sign in with RIT ID	Not Available

Access to “S Drive”: [\\cet-students.main.ad.rit.edu\students\<yourusername>](https://cet-students.main.ad.rit.edu/students/<yourusername>) Enter this into File Explorer or a “Run” command box.

(Use your own username in place of <yourusername>, for example: [\\cet-students.main.ad.rit.edu\students\joe1234](https://cet-students.main.ad.rit.edu/students/joe1234)

When **prompted** to log in, you’ll need to use main\<yourusername> (for example main\joe1234) and then use your RIT password to access.

<https://www.rit.edu/its/services/network-communication/vpn>

**** Mac Users:**

Need to setup a virtual machine. Virtual Box is free, download that from www.virtualbox.org

- During the setup it will fail, when this happens cancel the install and got to “Security & Privacy” and allow Oracle Apps to run. This will only stay there for about 30 minutes, so if you’ve installed, drop the current VirtualBox App into your trash and try to install again.

Obtain a copy of Windows through the RIT Microsoft Azure portal <https://aka.ms/devtoolsforteaching> get the one that is called “Windows 10 Version 1809 (Updated Sept 2018)” Make sure to view your product key and copy it to a safe location. Download the file.

- The above replaces the information in the video which starts at around 2:40 and goes to 3:15

Here is a video link that will help with the process of installing VirtualBox and getting the Windows VM running: <https://www.youtube.com/watch?v=qba342CimdY>

- I would suggest a 100GB drive space, between 2-4GB of memory (depending on what you have to begin with) and 2-3 processors. These are settings described in the video.

Once you have your VM setup, run updates and install software within the Windows VM as required.

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