

LabVIEW 2019 Installation Instructions

Instructions to install LabVIEW (32bit) on Personal Machines (Windows PC only):

Step 1:

Install LabVIEW via OIT using this link:

<https://software.oit.gatech.edu/>

Perform the following steps to install NI LabVIEW myRIO Software Bundle 2019:

1. Follow the procedures about the bundle installation provided by OIT (LabVIEW_2019_Windows_Installation_GT_Systems.pdf) and install the bundle (ni-labview-2019_19.0_suite_online.exe). Use the serial number **M61X31635** to install the software when prompted. Do not install the LabVIEW only, you should select the myRIO software bundle to download as well after the LabVIEW bundle is downloaded (ni-my-rio-software-bundle-x86_2019_offline.iso).
2. If you do not have a NI account, you will need to create one. If LabVIEW 2019 Professional Development System does not show up to enter Serial number into on NI Licensing Wizard, then you will need to register the software through your NI account.
3. Make sure the installed version is 32bit English

Step 2:

Make sure your bundle has the following packages:

LabVIEW English (Base/Full/Professional)

myRIO Toolkit

Real-Time Module

VI Package Manager

FPGA Module

Compilation Tools for Vivado

Control Design and Simulation Module

MathScript RT Module

If you need more add-ons, you will need the same install code again to activate and download:

M61X31635

If you are a MAC user, please borrow a windows PC from your friends, use the classroom computers, or the Wyse thin-client computers in the MRDC 3328 computer lab to log into VLab to use LabVIEW and myRIO.

Videos to Get Started The following videos are recommended to watch prior to your 2nd studio:

1. Watch the video explaining what the myRIO is and what comes with it.

<https://youtu.be/K9VAOF01gbU>

2. Watch the video on how to write your first myRIO program. <https://youtu.be/Ak-N8o6C7C0>

3. Watch the video that shows how to program a more involved myRIO program.

<https://youtu.be/R4tWlmbUqA8>

4. Watch the video that explains the different timing options in LabVIEW. <https://youtu.be/diF1crkFqFo>