

SETUP INSTRUCTIONS FOR CS510-01-24F

You may use Windows, Mac OS, or Linux for this course. Any of these should work just fine. I am most familiar with Windows, but I've done substantial work with the other operating systems as well.

There are two setup phases: software installation and mapping submission folders.

SOFTWARE INSTALLATION.

WINDOWS:

1. Go to <http://philos.nmu.edu/Repository> and right-click to download and save to your desktop the program "VC_redist.x64.exe".
2. Double click on this program on your Desktop. It should only take a few seconds and then ask you to reboot.
3. After you reboot, go to your search bar and type "Visual Studio". You should get a listing for the app "Visual Studio Installer". Run this app.
4. The app will ask you what you want to install. You want to install "Visual Studio Community 2019". The "Community" is very important: this is free software.
5. You will then see a whole bunch of stuff you can install, but you only need one: "Desktop Development with C++" under "Desktop & Mobile" on the "Workloads" tab. Once you check this, click "Install". This will take several minutes to install.

MAC:

1. Select App Store from the Apple menu.
2. Type "Xcode" into the search bar.
3. You want to install "XCode Developer Tools". This is free software.

LINUX: Linux comes with g++ (the C++ compiler) automatically installed. You can use any text editor, such as gedit, pico, vi, or emacs to write your code. You are also free to download any IDE you may like.

MAPPING SUBMISSION FOLDERS.

How to set up electronic submission folders for this class:

USERNAMES AND PASSWORDS.

Your NMU username and password are the ones that NMU assigns you. These are the names you use to check your e-mail, register for classes, etc.

Your COURSE username is the SAME as your NMU username. Your COURSE password is one that I assign you. You can find it in the "Grades" e-mail I send out. To access the submission folder, you will need your COURSE username and password.

SUBMISSION SCRIPTS.

From the course website, you will find two submission scripts, one for Windows and one for Mac. Right click the one that is correct and download it to your Desktop.

You will need to edit the submission script to make it work for you: open the file in a text editor. NotePad on Windows would work; TextEdit on the Mac, for example, but it doesn't matter which one.

In the script, change EVERY instance of "jsmith" to your COURSE username. Change EVERY instance of "12345678" to your COURSE password.

It's a little trickier with a Mac and you will “probably” need my direct help. But once it's hooked up, it works!

ACCESSING THE SUBMISSION FOLDER.

To access your submission folder, just double click on the script (the .bat file) that you have on your Desktop. A window should open containing a folder with the course ID of this class. You shouldn't have to make this folder; it should already be there. This folder, with the course ID, is your submission folder. Your submissions should be placed in this folder.

CISCO VPN.

You CANNOT access the submission folder when you are off-campus, and SOMETIMES you can't access it from on campus. In either case, Cisco VPN will fix you up. If you have an NMU laptop, you should already have a program on there called “Cisco AnyConnect Secure Mobility Client”.

If you have a Windows or a Mac machine, but you don't have the Cisco software, you can download it from <https://nmuvpn5520.nmu.edu> . If you have Linux, you will not be able to connect directly to the submission folder, you will have to use <https://nmuvpn5520.nmu.edu> to access your submission folder.