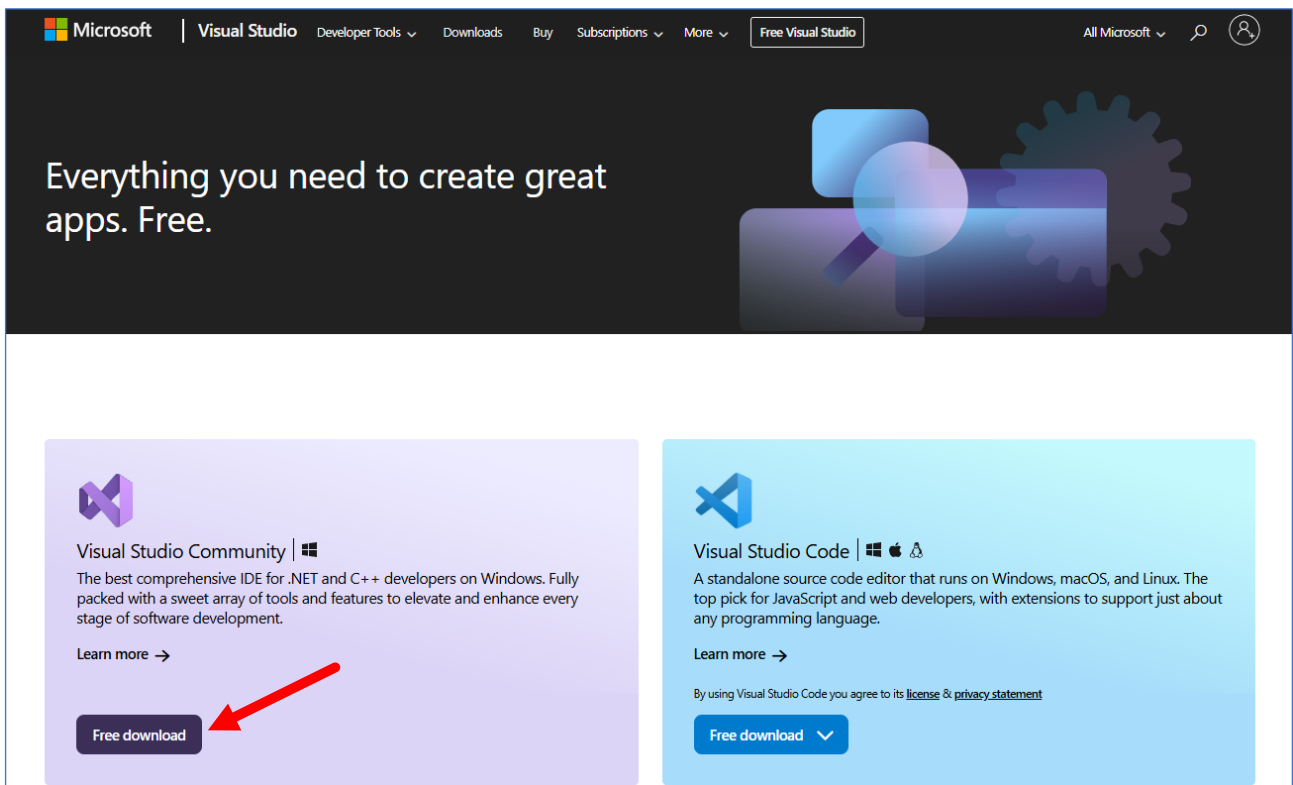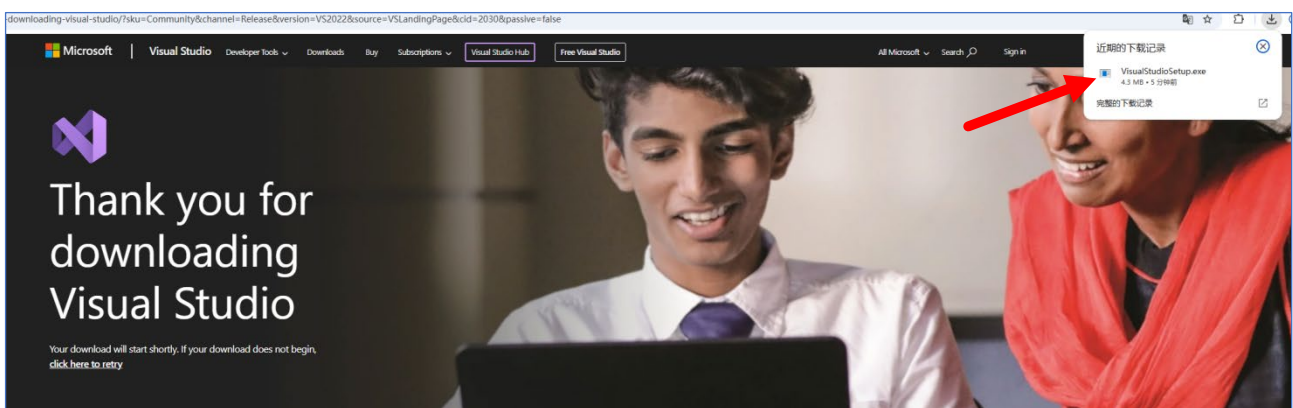# Installation of Microsoft Visual Studio 2022 Community for CPT205 Computer Graphics with OpenGL

A compatible version of Microsoft Visual Studio 2022 has been already installed on the computers in the labs. This is a quick manual for installing Microsoft Visual Studio 2022 Community for lab work for CPT205 Computer Graphics for working away from the labs (e.g. on your laptop or home PC) while you will normally use the computers in the labs. You will need to follow the simple steps described below for the installation.
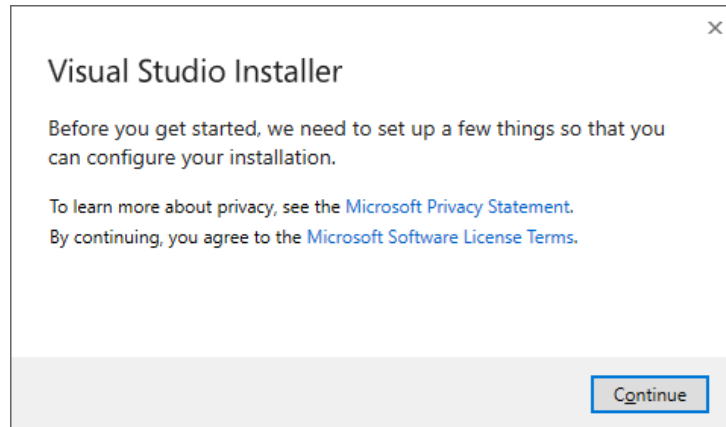
(1) Download the installer of Visual Studio 2022 Community from: Free Developer Software & Services - Visual Studio (microsoft.com) (You may need to sign in). Click the "Download Visual Studio", and then the installer of Visual Studio 2022 Community will be downloaded.
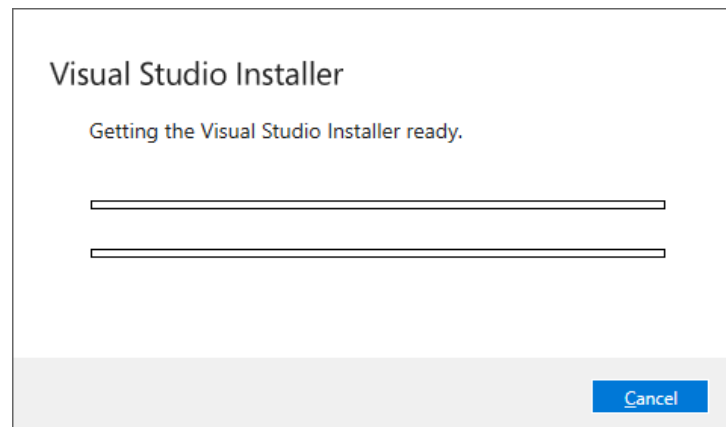

(2) After downloading the installer, double click the installer file where you have saved it.
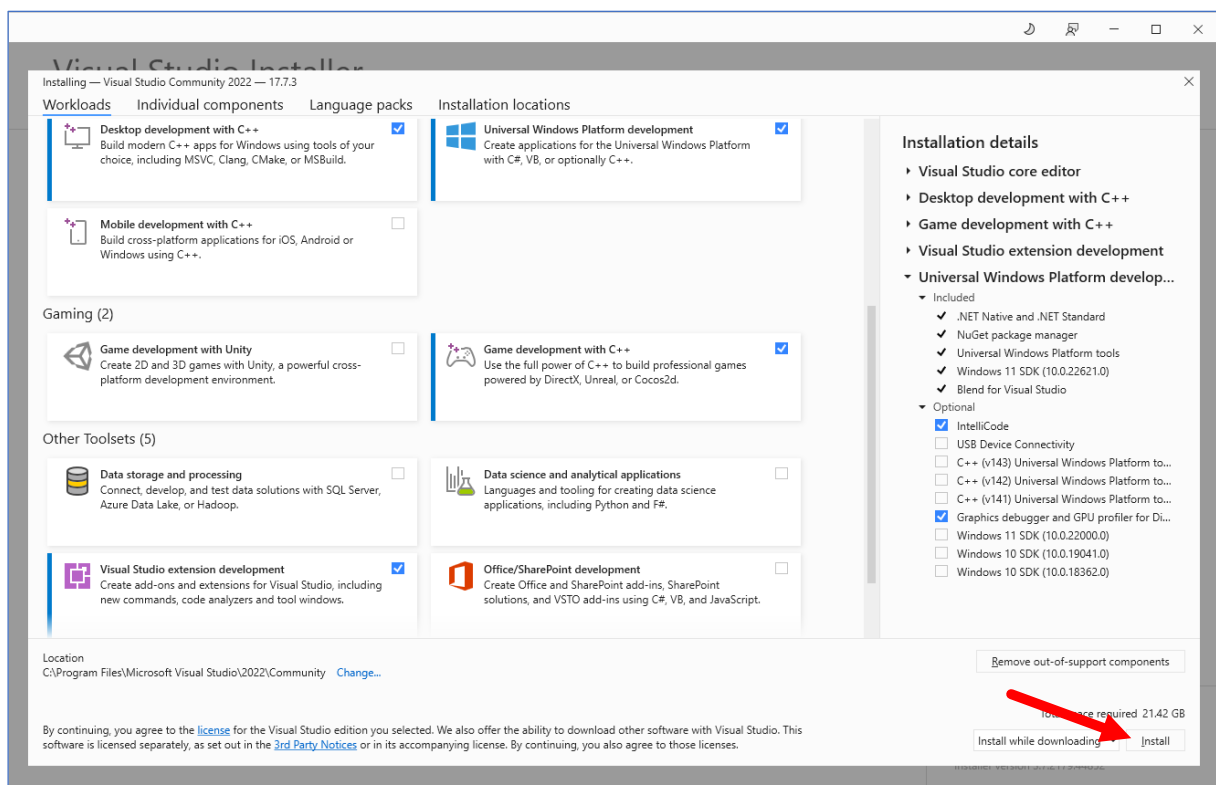
(3) Click the "Continue" button and the installer will download the necessary files.

(4) It may take some time to download the necessary files. Wait and let the installer complete this.
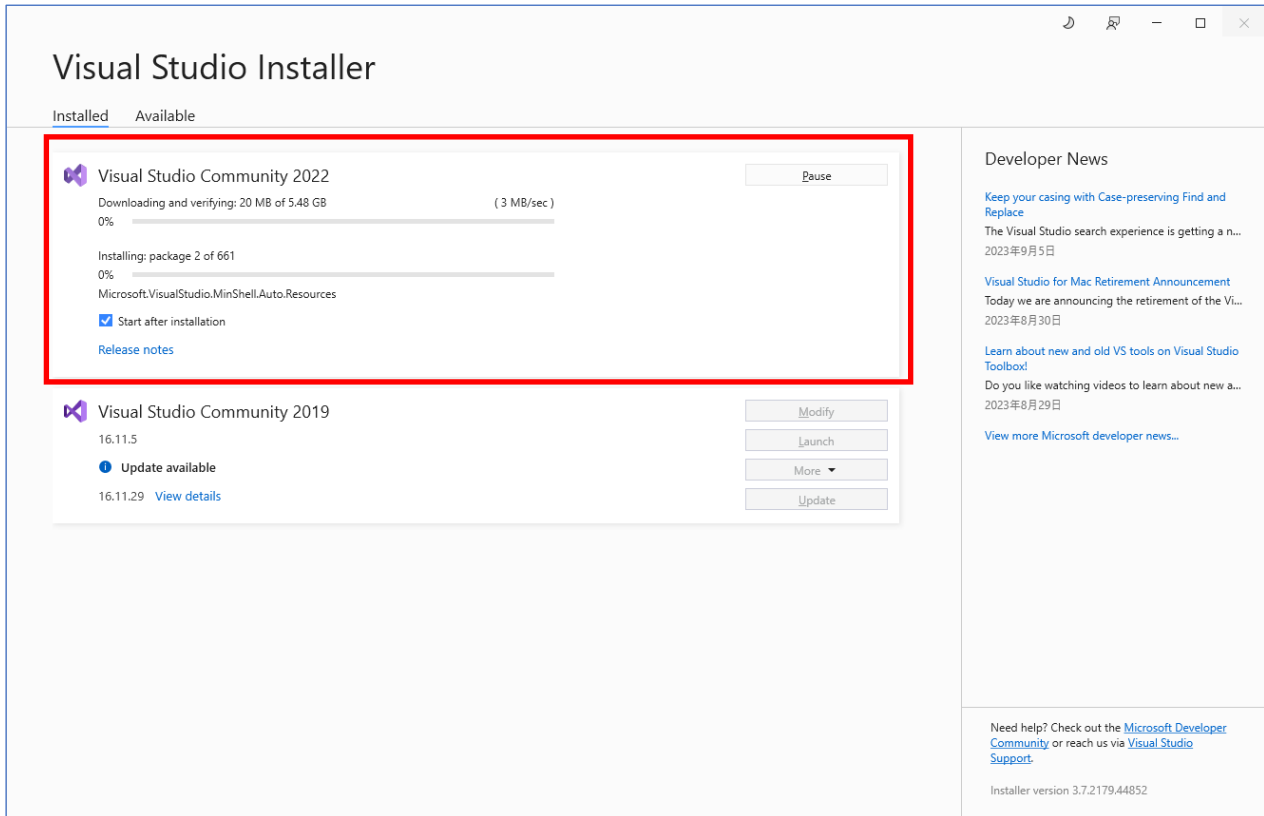

(5) When the necessary files have been downloaded, choose the following packages for CPT205.
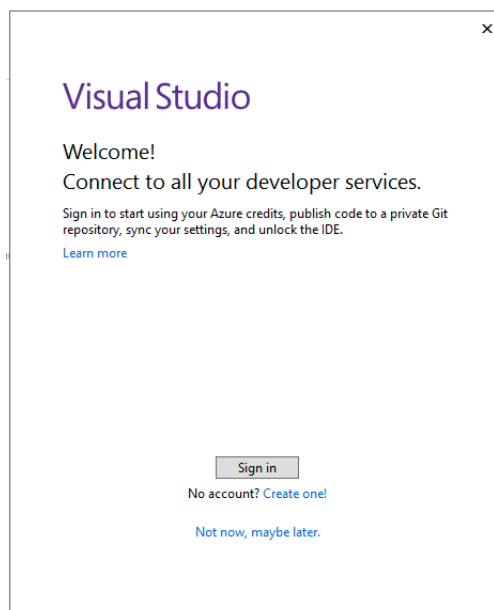
- Desktop development with C++
- Universal Windows Platform development
- Game development with C++
- Visual Studio extension development

Then click the "Install" button.

(6) You can take a cup of tea and wait for the installer to complete the work.

(7) When all the packages are installed, you can sign in your Microsoft Visual Studio account to activate Visual Studio 2022 Community.

(8) Well done! You will then need to configure your Microsoft Visual Studio to run OpenGL for CPT205 labs. Steps for this will be detailed in the first lab sheet.

If you need help, please contact any of the TAs listed below.

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