

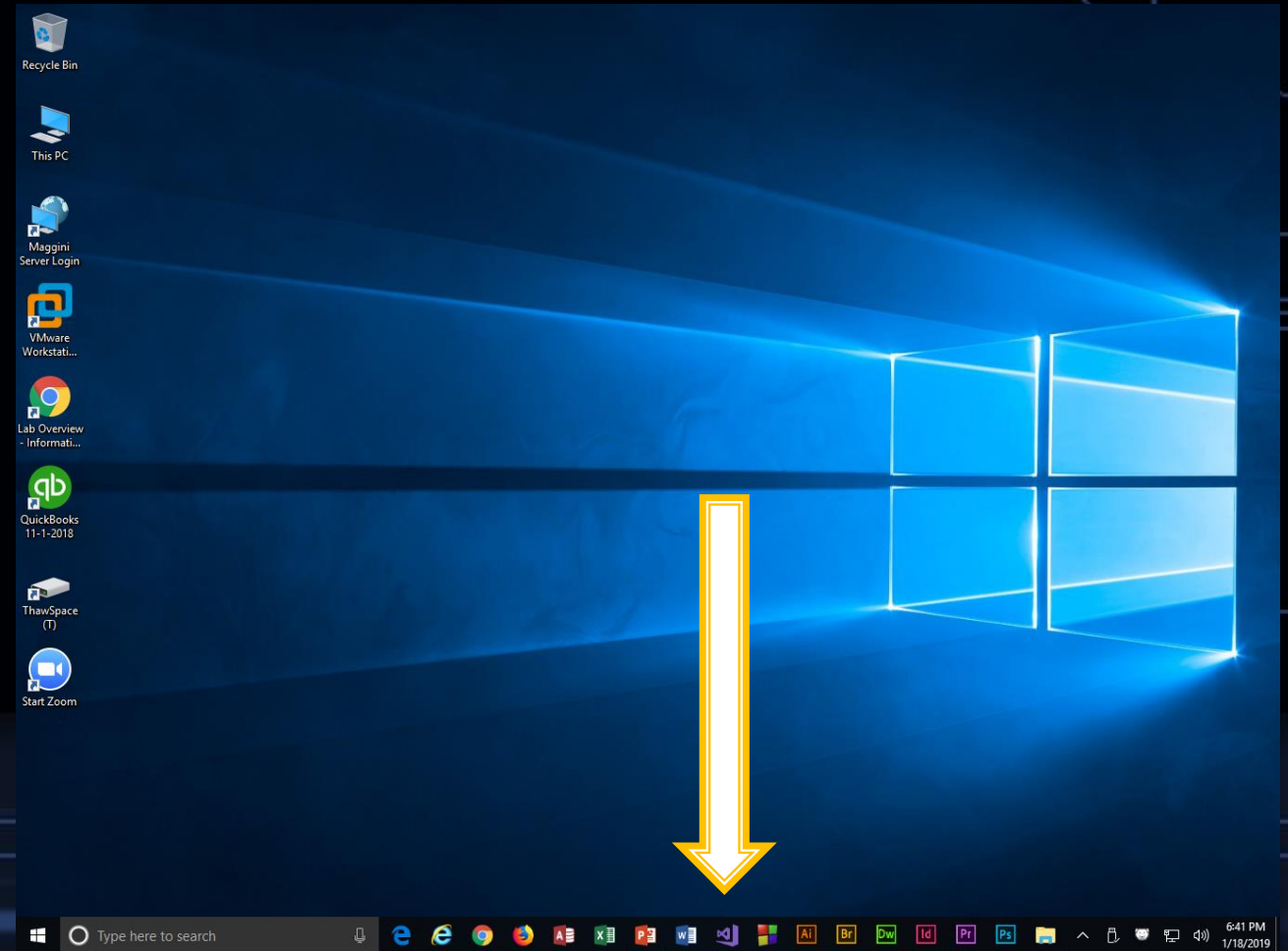
How to Install Visual Studio

# CS 10A – VISUAL STUDIO INSTALL

# Getting Started

Install Visual Studio from the [Microsoft website](#) if you're using your own device and haven't done so already. **Use the free Community version. The year doesn't matter.**

Visual Studio, once installed, is represented with a purple infinite symbol.



# Installation Settings

Select “Desktop Development with C++”. Do NOT select or change anything else. If desired, you can change the language away from English. Click Install.

Installing — Visual Studio Community 2022 — 17.4.3

Workloads Individual components Language packs Installation locations

**Desktop & Mobile (5)**

- ☐ Python development  
Editing, debugging, interactive development and source control for Python.
- ☐ .NET Multi-platform App UI development  
Build Android, iOS, Windows, and Mac apps from a single codebase using C# with .NET MAUI.
- ☒ **Desktop development with C++**  
Build modern C++ apps for Windows using tools of your choice, including MSVC, Clang, CMake, or MSBuild.
- ☐ Mobile development with C++  
Build cross-platform applications for iOS, Android or Windows using C++.
- ☐ Node.js development  
Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.
- ☐ .NET desktop development  
Build WPF, Windows Forms, and console applications using C#, Visual Basic, and F# with .NET and .NET Frame...
- ☐ Universal Windows Platform development  
Create applications for the Universal Windows Platform with C#, VB, or optionally C++.

Location  
C:\Program Files\Microsoft Visual Studio\2022\Community [Change...](#)

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**Installation details**

- ▼ Desktop development with C++
  - ▼ Included
    - ✓ C++ core desktop features
  - ▼ Optional
    - ✓ MSVC v143 - VS 2022 C++ x64/x86 build t...
    - ✓ C++ ATL for latest v143 build tools (x86 &...
    - ✓ Windows 11 SDK (10.0.22000.0)
    - ✓ Just-In-Time debugger
    - ✓ C++ profiling tools
    - ✓ C++ CMake tools for Windows
    - ✓ Test Adapter for Boost.Test
    - ✓ Test Adapter for Google Test
    - ✓ Live Share
    - ✓ IntelliCode
    - ✓ C++ AddressSanitizer
    - ☐ C++ MFC for latest v143 build tools (x86...
    - ☐ C++ Modules for v143 build tools (x64/x8...
    - ☐ Windows 11 SDK (10.0.22621.0)
    - ☐ C++/CLI support for v143 build tools (Late...
    - ☐ C++ Clang tools for Windows (15.0.1 - x64...

[Remove out-of-support components](#)

Total space required 9.28 GB

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