

Steps for Installing and Using Visual Studio Version 15.3 or later:

Step 1) Go to Visual Studio website and download newest version of Visual Studio Community Edition

Link: <https://www.visualstudio.com/downloads/>

Step 2) Run .exe installation that you just downloaded.

Step 3) Popup should appear with Workloads tab. Select Workloads -> Universal Windows Platform development and Workloads -> Desktop development with C++.

Select install and wait for installation.

Step 4) Once the Visual Studio IDE appears. Create a new Project by File -> New -> Project -> Visual C++ -> General -> Empty Project

Step 5) Change the properties to allow console output. Project -> Project Properties (bottom of list) -> Linker -> All Options ->

Subsystem = Console (/SUBSYSTEM:CONSOLE)

Step 6) Create a C file by going to Solution Explorer tab (right side of screen) -> Right Click Source Files -> Add -> New Item -> Visual C++ -> C++ File -> create file name and denote .c instead of .cpp

Example: fileName.c

Step 7) You can now build and run code same as previous versions.

Common Error seen in the lab:

Problem:

When creating a new project, students tend to forget to create an "Empty Project". You will know this error occurs when in the Solution Explorer tab there is a "stdafx.h" header file.

The "stdafx.h" header will also be referenced in your C code.

Solution:

Create a new project that is a "Blank Project". Then create a new .c file.

You can now create and run your code within the "Blank Project".

Additional Foreseen Problem:

Visual Studio is a 30 day trial if you are not signed in using an Microsoft Account.

Solution:

Create a personal Microsoft account.

Step 1) File -> Account Settings -> Sign in or Sign up

This will fix the trial and allow the you to use the Visual Studio software past 30 days.