CS 3005: Programming in C++

Installing g++

Windows
Use the [Windows Subsystem for Linux](https://www.microsoft.com/windows/subsystem-for-linux) selecting the “Ubuntu” option for installation. After installation, from within the [bash](https://www.gnu.org/software/bash/) prompt, follow the instructions below for Ubuntu-like Linux.

Install [Xming](https://xming.eu/) in Windows for displaying graphical applications.

Mac OS X
Install the command line developer tools. See the first part of these instructions.

Ubuntu-like Linux
Use [apt-get](https://packages.ubuntu.com/apt) to install the correct packages

```
sudo apt-get install g++ freeglut3-dev libglu1-mesa-dev libgll1-mesa-dev valgrind libgtest-dev
```

No-Install Option
Use the computers in the Smith building. You can do this physically in the lab, or you can remotely connect to the systems to create and run your programs.