CS 3005: Programming in C++

Installing g++

**Windows**

Use the [Windows Subsystem for Linux](#) selecting the “Ubuntu” option for installation. After installation, from within the [bash](#) prompt, follow the instructions below for Ubuntu-like Linux.

Install Xming 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](#) to install the correct packages

```
sudo apt-get install g++ freeglut3-dev libglu1-mesa-dev libgl1-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.