

## CS 160 Home Page

CS 160 is an introduction to programming using C++. This is offered locally and to the NITC schools over IVN.

### Announcements:

This course will next be offered in the fall of 2013.

Curt's desktop has Skype installed. Need to speak to him: curt.hill.vcsu is the Skype account. Generally, you need to first ask to be a contact and then you should be OK. Lets talk!

### Tests:

The final exam scheduling is always interesting for IVN course.

The VCSU section will take the final at the normal VCSU time, Thursday, December 13 at 10:00.

Generally, the other schools take the final exam in the same IVN slot as normal. The first hour has IVN presence, but often the second you are on your own.

More information will follow.

### The assignments

If you are not a VCSU student, you should immediately get a free Skype account. <<http://www.skype.com/intl/en-us/get-skype/>> Then make a request to add your account as a contact.

Most of the C++ assignments will be given to you by an agent in the MOO.

The agents are in order: Franklin (9/7), Fred(9/12), Fernanda(9/17), Phoebe(9/21), Frank(10/15), Francis(10/22), Fleta(10/31), Floyd(11/7), Fifi(11/14) and Fiona(12/5). If the agent is followed by a date that is the due date. If any other agent gives you an assignment, report it to the instructor.

We will not use TorqueMOODa this year, so you may ignore any reference to him.

The term project is now available. <termproject.doc>

### Presentations

Presentations will generally be posted here prior to class.

\*Yet to do.\* Only the final exam!

\*Completed.\*

\*Recordings.\*These are the Tegrity recordings of the class. These usually appear here within a day of the actual recording.

## Examples and other files

Files for those using C++Builder by Embarcadero. <embarcadero.htm>

Files for those using Visual Studio Express by Microsoft.

<visualstudio.htm>

## Important documents overviewing the course:

The syllabus for CS 160 <syl\_c160.htm>

The cs 160 course outline <cs160.htm>

## Other links

On the problems with Visual Studio C++

<<http://www.jeffwofford.com/?p=1102>>.

The VCSU-MEP is an interactive museum of information and exercises concerning Computer Science classes. In this class this system will function as the textbook. There is a C++ wing to the museum. The Java Web client can be used at: VCSU-MEP using the Java client

<<http://euler.vcsu.edu:7000/>>. Entering the MOO requires a login. You should use Java enabled browser and disable popup suppression for this site. You may want to read the Introduction to VCSU-MEP <mep\_intro.doc> This is a Microsoft Word format document.

The Lesson Map of VCSU-MEP <<http://euler.vcsu.edu/Lessons/Lesson.htm>> lists all the lessons, the shortest path to the lesson and the exhibits within the lesson.

NASA C Coding Standards.

<[http://lars-lab.jpl.nasa.gov/JPL\\_Coding\\_Standard\\_C.pdf](http://lars-lab.jpl.nasa.gov/JPL_Coding_Standard_C.pdf)>

Computer Simulator: A simple computer. This graphically simulates a simple 100 memory cell computer. It demonstrates the fundamentals of computer execution such as machine language and the fetch execute cycle. It is a Java applet. Click here to read instructions and execute applet.  
<computer.html>

The Development of the C Language

<<http://cm.bell-labs.com/cm/cs/who/dmr/chist.html>> by Dennis Ritchie.

The Internation Obfuscated C Code Contest

<<http://www.networkworld.com/news/2011/111611-obfuscated-code-contest-253187.html>>  
rides again. Is this good or bad?

Bjarne Stroustrup's FAQ on C++ Standards.

<<http://www2.research.att.com/~bs/c++0xfaq.html>>

Some commentary on the new things in the latest C++ standard.

<<http://www.softwarequalityconnection.com/2011/06/the-biggest-changes-in-c11-and-why-you-should-care/>>

The C++ Precedence Chart <[cpp\\_precedence.htm](#)>

The C++ as language of the year?

<<http://www.infoworld.com/d/application-development/hail-the-return-native-code-and-the-resurgence-c-170142>>

Return links

Return to Curt Hill's home page. <[index.htm](#)>

Last time I updated this page: December 14, 2012.