

USING C++

Spring 2014

- office #160A NS, phone 520-5066
- secretary phone 520-5521
-office hours, Monday & Wednesday Thursday
 12:00pm – 1:00pm 3:30pm – 7:00pm
- e-mail, cornemperor@comcast.net

TEXT - * Note, same book used in C101, a book by Savitch or any other C++ book

- Located in NS in the lowest level room #0040, #211, and #340
- compatible computers using Microsoft Visual Studio 2010 or 2012 .NET
- IUSB bookstore sells it or download free from iuware, **<http://iuware.iu.edu/>**
- This is same version that will be used in Computer labs on Windows XP or 7.

C201 is an advanced programming course for students who have already had C101, where you should have learned the basics for programming using the high level language of C++. This course covers advanced C++ topics and programming concepts for problem solving. Topics covered will include: structs, classes, information hiding, searching and sorting arrays, pointers, files, linked list and dynamic memory. It will also cover object-oriented programming and some data structures, all using Visual C++.

C101, if you have not had this course yet please see me.

2 tests.....	200 points
10 Homeworks.....	400 points
Final Exam.....	175 points

Homework turned in one class period early receives 3 extra points, on time no extra points, one class period late minus 3 points, 6 points if two class periods late, and **NO homework accepted after the second class period late.**

- portable storage device and a 2" or 2.5" thick 3 ring notebook to put handouts in.

If you need adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible. My office hours are given on this syllabus, are posted on the course WWW page and are also located outside of my door. Students may call Disabled Student Services (520-4832) for additional information about services available at IUSB.

C201 COURSE OUTLINE, Spring 2014

date	chapter/topic

Jan. 13	introduction to class, review of basic C++
15	more C++ review, Function review, array review
20	No Class Martin Luther King Day
22	array review, character input
27	characters, Appendix D, I/O redirection
29	I/O
Feb.3	Input I/O redirection, ch. 13
5	ch. 13, Pointers
10	ch. 13
12	ch. 14
17	Appendix F, command line arguments
19	ch. 14
24	ch. 10, Files
26	TEST #1
Mar 3	review test #1, ch. 14
5	ch. 10
10	ch. 10
12	ch. 7 Classes
17	NO CLASS Spring Break!!!
19	NO CLASS Spring Break!!!
24	ch. 7
26	ch. 7
31	ch. 7
Apr 2	ch. 14 Linked List
7	ch. 14
9	TEST #2
14	review test #2, ch. 18
16	ch. 18
21	ch. 14
23	ch. 9
28	
30	Last class day, review for Final Exam
May 7	Wednesday, FINAL EXAM class time in class room

Note* Chapters listed probably do not go with the book we are using.

FINAL EXAM --- Wednesday, May 10th , in class room at class time

Instructor reserves the right to change this schedule at any time.

And note that this schedule will probably change!!

Will revise and update syllabus as we proceed.