CIS 22A Beginning Programming Methodologies in C++ - Fall 2014

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Class Hours: Monday and Wednesday   6:00PM - 7:50PM

Instructor on-line hours: Tuesday   6:00PM - 7:50PM

This course is an introduction to computer programming. Its primary objective is to teach problem solving using the C++ programming language. Emphasis will be placed on structured procedural programming with an introduction to object-oriented programming. This course is designed primarily for computer science and related transfer majors.

At successful completion of the course students should be able to:
Design solutions for introductory level problems using appropriate design methodology incorporating elementary programming constructs. Create algorithms, code, document, debug, and test introductory level C++ programs. Read, analyze and explain introductory level C++ programs.

Required Text
Starting out with C++, From Control Structures through Objects, seventh edition or later,
by Tony Gaddis
Addison-Wesley / Pearson ©2012, ISBN 13: 978-0-13-257625-3, ISBN 10: 0-13-257625-2

Google Group
You are required to join the Google group for class on-line class discussion since this class is an on-line part. You can use ANY email to join the group, not necessarily a gmail account.

Grading:

Lab Exercises	80 points
Home works	120 points
Midterm Exam	40 points
Final Exam	60 points

Midterm Exam: Oct 29   **Final Exam: Dec 10**

Home works and Labs:

1   Should be submitted before 11:59PM of each due date.
2   If home work is submitted late, then the home work score will be reduced with a penalty of **10% per day**. Late labs are not acceptable after the due dates.
3   Code must be clearly commented with your name.
4   All emails should use the subject line "**CIS22A Fall 2014**".
5   Homeworks and lab submission must contain all needed C++ code files (**files with extension .cpp**) and compile with Code Block compiler on Windows PC.

CodeLab on-line practice: Information will be given in class

Grade average required:

A   90% and up
B   76% through 89%
C   60% through 75%
D   46% through 59%
F   45% or less

De Anza Academy Integrity:

No plagiarism or illegal code sharing

http://www.deanza.edu/studenthandbook/academic-integrity.html

During a quiz or examination do not look at anyone else's work.
Home works and laboratory works must by your own work to the following extent:

1. Do not post your work on-line where others can copy it.
2. Do not send your code to anyone.
3. Do not copy anyone else's source code file.
4. DO NOT LOOK AT OTHER STUDENTS WORK AND SHOW THEM YOURS.
5. As long as you are not copying other's work, discussion and exchange of ideas is encouraged.

Need help? Meet with tutors and attend workshops in the Student Success Center: www.deanza.edu/studentsuccess.

Can't make it to campus? Free online tutoring available to all De Anza students. Just login to MyPortal, go to the Students tab, and find the Smarthinking link. You can work with a tutor live (hours vary by subject) or post a question or piece of writing for a response. Smarthinking tutors can also help you with personal statements for transfer! For more information, go to deanza.edu/studentsuccess/onlinetutoring/