Instructor: Howard Stahl
Session: Online at www.smcclasses.net from June 18th – August 10th
Final Exam: online via www.smcclasses.net during the weekend of August 10th
Office: Business 220R
Online Office Hours: Sundays from 7 – 8PM. My YahooIM ID is smc_stahl
Phone: (310) 434-8015 (office) (310) 387-4374 (cell)
E-mail: stahl_howard@smc.edu

Course Description:
This course is a continuation of C language programming using C++. C++ offers an object-oriented programming paradigm which extends the C language by allowing operator and function overloading, information hiding, inheritance and virtual functions.

Text/Materials:

Any Edition Will Due, So Don’t Knock Yourself Out Trying To Get The Eighth Edition… The online content references chapters from the 4th, 5th, 6th, 7th and 8th edition.

Software:
The course will use Microsoft’s Visual Studio .NET 2010 development environment. All are installed on the hard drives of the lab computers. Copying of commercial software is not allowed and is an infringement of applicable copyright law. Students wishing to use Linux (g++) are encouraged to do so but should not expect a high level of support should they run into difficulties with their development tools. I would prefer that all students use Visual Studio .NET 2010 rather than Visual Studio 6.0. To that end, installation discs and installation instructions will be made available to students. For the cost of blank, burnable CDs, you will get able to get a copy of Visual Studio .NET 2010.

This semester, quite confusingly, both Visual Studio .NET 2008 and Visual Studio .NET 2010 are installed on the lab computers in the Business Building. Microsoft development tools are not backward-compatible, so 2010 project file formats cannot be read by 2008. I would recommend you pick a version and stick with it – not bounce back and forth.

Given the nature of computers and technology, it might be a good idea now to think of a backup plan, should the computer and/or internet access method you plan to use go down for some reason. For example, if you will be working from home, make note of the college’s Library hours now so you can fit it into your schedule, should something happen.

Course Format:
This course is being offered in a online format. We will be covering an entire class in just 10 weeks. As a result, this kind of class format requires a diligent and motivated student. A course website has
been created with content, slides and sample code. Be forewarned that this programming class is fairly challenging. As a result, I would like to stress that you work thru each sample coding example provided. In addition to reading the online content, homework will be assigned.

All quizzes and the final exam must be taken online via the course website software. There will be multiple versions of each exam so cheating really will not do you much of any good. For those of you who have not taken a course with me in the past, there is a sample exam online which you can take to familiarize yourself with the course website testing software.

Overall, this kind of course format requires a very diligent, self-motivated learner who can commit to the course schedule and format. With the beginning of class, all the homework assignments have been released, so students can work at their own pace (just please, not slower than the released calendar at the end of this document…). Students can turn in assignments whenever they choose; however, I will only be grading what is currently due. Exams will be released a few days before their assigned calendar dates.

Coursework:
In addition to reading assignments and in-class work, homework will be assigned. You are expected to have the reading assignments completed before the class session of each week. Homework is to be submitted at the start of class on the due date. LATE HOMEWORK WILL NOT RECEIVE FULL CREDIT.

Electronic Submission:
It is your responsibility to make certain that all files that are submitted electronically can be easily accessed from your submission folder. Following the naming conventions described in class is the best way you can ensure that you receive the highest grades for your assignments. Files that cannot be opened will receive a lower grade. It is very good idea to make a backup copy of your assignments!

You must follow the electronic submission guidelines to turn in all programming projects. You may choose to turn in Assignments via paper. This course will be making extensive use of the website http://www.smcclasses.net. You may choose to turn in homeworks there by following the electronic submission guidelines discussed in class. Please monitor that site regularly for important notices and announcements posted online, as mid-course corrections maybe necessary.

Course Website:
All students enrolled in this class have been provided access to a course website. You will find electronic copies of all the information presented and demonstrated in class available for downloading there. While the class has yet to get going, I highly recommend you familiarize yourself with the site and the way I am posting content for your use.

The course website is available from http://www.smcclasses.net. Your username is the first letter of your first name followed by the first letter of your last name and then the last four digits of your student ID. Your initial password is same as your username. You will be forced to change your password and provide your email address when you first log into the system. As an example if my student ID were 000000, my username would be: hs0000 Once your profile is established, you can update and change your email address as frequently as you like.
Evaluation and Grading:

Problem Sets: During the semester, a number of assignments will be assigned, many of which may include programming projects. There will be a total of 13 Programming Sets. These Problem Sets need to be turned in on the date scheduled. Only 12 of these problem sets will be considered in your grade, so your lowest homework score will get dropped. YOU WILL BE DROPPED FROM THE CLASS IF YOU FAIL TO TURN IN THREE PROGRAMMING PROJECTS. If you fail to receive full credit for an assignment, I’d like to encourage you to resubmit it for the points you missed. The non-programming assignments will not be worth as much as the coding assignments. This makes for some confusion because the different assignments in the gradebook will be worth different amounts, but it will work out in the end. Have no fear…

Quizzes: There will be two quizzes covering textbook reading assignments and class activities. Each quiz is worth 100 points. Both quizzes will count toward your final score. If an emergency arise which prevents your attendance, call me as soon as possible. Each quiz will only cover a small section of the class. YOU WILL BE DROPPED FROM THE CLASS IF YOU FAIL TO TAKE BOTH QUIZZES.

Final Exam: A comprehensive final exam will be given at the end of the semester. It will cover most topics covered during the course.

Assessment:

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<thead>
<tr>
<th>Category</th>
<th>Point Value</th>
<th>Total</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem Sets (13)</td>
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<tr>
<td>Quizzes (2)</td>
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</tr>
<tr>
<td>Final Exam (1)</td>
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Grading Scale

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
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<tbody>
<tr>
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<tr>
<td>449-400</td>
<td>B</td>
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<tr>
<td>399-350</td>
<td>C</td>
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<tr>
<td>349-300</td>
<td>D</td>
</tr>
<tr>
<td>0-299</td>
<td>F</td>
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Late Policy

All assignments are due on the scheduled dates. Late work is highly discouraged because you need to keep up with the class to succeed. Unless prior arrangements have been made with the instructor, no late assignments will be accepted.

Honor Code and Code Of Student Conduct

As a testament to their commitment and readiness to join the Santa Monica College academic community, all students are expected to uphold the Honor Code. At the time of admission, students will certify the following statement:

In the pursuit of the high ideals and rigorous standards of academic life, I commit myself to respect and uphold the Santa Monica College Honor Code, Code of Academic Conduct, and Student Conduct Code. I will conduct myself honorably as a responsible member of the SMC community in all endeavors I pursue.

Honest and ethical students are protected in this class. The SMC Honor Code and Code of Academic Integrity, printed in the General Catalog, remind students of their responsibility to behave honestly and ethically. It is your responsibility to familiarize yourself with these codes. Please be
extremely careful that you do not engage in any behavior that could even be construed as cheating. Outside of class, students are allowed to study together. However, copying another student's homework is not acceptable. **If I determine that students have relied too heavily on each other in preparing homework or any other project, the students may be assigned no credit. Future occurrences could result in academic disciplinary action.**

**Cheating**
All work you submit must be your own individual work. If you copy another person’s work or let another person copy your work, you are cheating. Cases where submitted work looks alike will result in an “F” on the project and will be subject to the student discipline process. The College’s Code of Academic Conduct applies to each and every course as well as each and every member of the academic community, faculty and students alike. **In order to join this section, all students are required to state that they are aware of and will follow the academic honesty policy.** I enforce a ZERO-TOLERANCE policy on cheating in online classes. There is no excuse whatsoever for not doing your own work.

**Students with Special Needs**
In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to “reasonable accommodations”. Any student who needs special attention should speak privately with the instructor to describe their needs. This should be done within the first two weeks of the start of class.

**Incomplete Policy**
Students will not be given an incomplete grade in the course without sound reason and documented evidence. In any case, for a student to receive an incomplete, he or she must be passing and have completed a significant portion of the course. Make sure you are aware of the college drop policy. In case of absence, it is your responsibility to find out what material was covered and what assignments were given. **It is your responsibility to drop/withdraw from class by the published deadlines or you will receive a grade.**

In Summer 2012, July 29 is the last day you can drop any 8-week class with faculty approval.

**Tentative Class Schedule**
Below is a tentative schedule and is subject to change. Lectures and reading assignment will cover the materials from the required text and handouts.
<table>
<thead>
<tr>
<th>Week Of</th>
<th>Topics</th>
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| June 18<sup>th</sup> | Complete Units 1 and 2 and 3  
Post Homework Solution For Units 1 And 3 By Sunday, June 24<sup>th</sup> at midnight |
| June 25<sup>th</sup> | Complete Units 4 and 5 and 6  
Post Homework Solutions For Units 4, 5 And 6 By Sunday, July 1<sup>st</sup> at midnight |
| July 2<sup>nd</sup> | Complete Units 7 and 8  
Post Homework Solutions For Unit 8 By Sunday, July 8<sup>th</sup> at midnight |
| **Weekend Of** | **Quiz 1 Available Online. Quiz 1 Must Be Taken By July 8<sup>th</sup> at midnight** |
| **July 6<sup>th</sup>** |                                                                                                                                         |
| July 9<sup>th</sup> | Complete Units 10 and 11  
Post Homework Solution For Units 10 And 11 By Sunday, July 13<sup>th</sup> at midnight |
| **July 13<sup>th</sup>** | **Last Day To Withdraw To Receive Guaranteed W On Transcript**                                                                      |
| July 16<sup>th</sup> | Complete Unit 12  
Post Homework Solution For Unit 12 By Sunday, July 20<sup>th</sup> at midnight |
| July 23<sup>nd</sup> | Complete Units 13 and 14  
Post Homework Solution For Units 13 and 14 By Sunday, July 27<sup>th</sup> at midnight |
| **Weekend of** | **Quiz 2 Available Online. Quiz 2 Must Be Taken By July 27<sup>th</sup> at midnight**                                             |
| **July 25<sup>th</sup>** |                                                                                                                                         |
| July 25<sup>th</sup> | **Last Day To Withdraw With Instructor Approval To Receive W On Transcript**                                                          |
| July 30<sup>th</sup> | Complete Unit 16  
Post Homework Solution For Unit 16 By Sunday, August 3<sup>rd</sup> at midnight |
| August 6<sup>th</sup> | Complete Unit 17  
Post Homework Solution For Unit 17 By Sunday, August 12<sup>th</sup> at midnight |
| **Weekend Of** | **Final Exam Available Online. Final Exam Must Be Taken By August 12<sup>th</sup> at midnight**                                     |
| **August 10<sup>th</sup>** |                                                                                                                                         |