Labs all meet in Dragas 1115.

10711 1910-2140  T  Vyshnavi Pupuri - vpopuri@cs.odu.edu
10712  900-1130  W  Babitha Bokka - bbokka@cs.odu.edu
10713  1200-1430 W  Divya Guntaka - dguntaka@cs.odu.edu
10714  1500-1730 W  Aida Ghazizadeh - aghaziza@cs.odu.edu
10715  1745-2015 W  Thomas Kennedy - tkennedy@cs.odu.edu
10716  930-1200  R  James Owens - jowens@cs.odu.edu
13107  1910-2150 R
15749  1400-1630 F

Office hours: to be announced

Catalog Course Description: Lecture 3 hours; Laboratory 2.5 hours; 4 credits
Prerequisites: MATH 102M or equivalent. Laboratory work required. Introduction to computer-based problem solving and programming in C++. Topics include problem solving methodologies, program design, algorithm development, and testing. C++ language concepts include variables, data types and expressions, assignment, control-flow statements, arrays, sorting, functions, pointers, and linked lists.

Course Objectives: The purpose of the lab is to provide the student with practice in the basic elements of the computer and the C++ programming language. This course will reinforce the topics presented in CS 150 lecture.

Weekly Assignments: Some weekly assignments will be completed in pairs. The instructor will assign the pairs. Weekly assignments should be completed in the lab class and handed in at the conclusion of the lab period. Make sure that both the navigator and the driver have electronic copies of the completed programs. Each pair will hand in one print out of the source code and the output for weekly assignments. The following information needs to be included at the top of the source and in the output:

Name of the source file : ******.cpp
Driver name
Navigator name
Date:
Lab CRN XXXXX
Students should save a read only version of any source code at the time it is handed in. Keep this back up copy until the graded work is returned. Name your source using your lab CRN, last names and the week number of the lab. For example, if you are Ollie Hacker and Wally Wilson from lab 10943 your source codes for lab in week 2 will be saved in files called Lab43_W2_Hacker_Wilson.cpp and Lab43_W2B_Hacker_Wilson.cpp

**Programming Projects:** Programming Projects will be completed individually. Delivery details for projects will be provided at the time of the first project assignment. Projects will be delivered electronically. It is the student’s responsibility to make sure that the code submitted will compile and execute on the systems in Dragas.

**Lab final:** There will be a comprehensive programming assignment given during your regularly scheduled lab during the week of 4/22/2013. For this assignment, you will be able to refer to your text, your class notes, and any previous programming projects and assignments. The lab final will be completed individually. **Notice that the lab final is 40% of your grade in lab.**

**Attendance/Classroom decorum:** Attendance will be checked each lab period. You should arrive on time; habitual tardiness is disruptive. Cell phones and other electronic devices should be turned off prior to the beginning of class. Food and drinks are not permitted in the lab.

**MakeUp policy:** Lab work cannot be made up without prior arrangements, a written medical excuse or a documented emergency. You will receive a zero for the weekly assignment if you miss the lab.

**GRADING POLICY**

**Laboratory:** You will not receive a separate grade for this class. The grade received in lab will count as 50% of your CS 150 grade.

**Lab Grades:** Each of the following components will contribute the indicated percentage to your lab grade. Notice that the lab final is 40%

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Weekly lab assignments</td>
<td>30% (10)</td>
</tr>
<tr>
<td>Programming projects</td>
<td>40% (5)</td>
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<tr>
<td>Lab final</td>
<td>30% (1)</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
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**Academic dishonesty:** The Honor System at Old Dominion University is based upon the integrity of each student. Any form of dishonesty or deception such as lying, cheating, and plagiarism constitutes a violation of the Honor System. **All material submitted for grading by a student during the course is to be the student's own personal work. The only exception to this is work submitted by assigned team members as a team submission. Any violations may be referred to the honor council for resolution.** Copying code from another source is plagiarism. In programming projects, you should document the use of code segments from class or from another source. Your instructor reserves the right to question you orally or in writing to evaluate your understanding of an assignment if there is evidence of cheating. Violations may be referred to the University Honor Council for punitive action.

**Special needs:** For students who need accommodations in this class, please contact your instructor personally and provide a letter from the Office of Educational Accessibility to support your request. Please present a letter as soon as possible; retroactive accommodations cannot be made.
Disclaimer: This syllabus and the tentative schedule below, are intended to give the student guidance in what may be covered during the semester and will be followed as closely as possible. However, the professor reserves the right to modify, supplement and make changes as course needs arise.

Tentative Course Outline will be posted during the first week of classes.

<table>
<thead>
<tr>
<th>Week /Date</th>
<th>Topics</th>
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<tbody>
<tr>
<td>Week</td>
<td>Overview of lab, Pair programming</td>
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<tr>
<td></td>
<td>Driver, Navigator paradigm</td>
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<td></td>
<td>Account setup</td>
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<td>Printing</td>
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