

Comp 110-004: Introduction to Programming Fall 2007

Course web page <http://www.cs.unc.edu/~dorianm/comp110>

Instructor:

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Meeting Times and Places:

Lectures: Monday, Wednesday, Friday 2:00pm - 3:15pm, Sitterson 014

Course Description:

Overview:

This course is an introduction to programming for students with little or no programming experience. Student will be taught how to solve problems using fundamental programming concepts. The concepts include: variables, loops, conditionals, functions, arrays, and classes. Programs will be written in Javascript and Java (half a semester dedicated to each). More generally students will gain familiarity for learning other programming languages encountered where computers are used as tools in fields ranging from humanities, sciences, to engineering.

Pre-requisites:

There are no official course pre-requisites for this class, but a basic background in math is needed. Basic computer skills (using a web browser, writing email, using word processing applications, downloading and installing software) are assumed for COMP 110.

If you have previous programming experience, such as in a high school course, (especially, a Computer Science AP course) consider taking COMP 401 ("Foundation of Programming") instead. See me or your advisor for more details.

Course Materials:

Textbook:

In this course, reading assignments are unlike a course with a conventional textbook. We will use a collection of books and use portions of the book corresponding to the lecture. Textbooks are available electronically from the UNC library for free. Using electronic books means you have to read the book on a computer screen and you must have an internet connection. It is possible to access books off campus. Printing pages in the book is not a feasible solution. Some books limit the amount of printing. If you prefer to read a paper copy of the book you can purchase it, for example online.

See course home page for details

Free Software:

- Javascript
 - Text editor
 - Web browser
- Java
 - Java SDK 1.5+
 - Eclipse IDE

Student Responsibilities:

Check your email and the course web page often!! Assignments and announcements will be made available on the course web page <http://www.cs.unc.edu/~dorianm/Comp110> and not being aware of them is not an excuse for missing an assignment - especially if you miss class.

Every student is responsible for the material in the assigned reading, and the material covered at every lecture. The lecture topics and the reading will correspond, but will offer complementary explanations. The lectures will also be the venue for announcing and explaining the programming assignments, etc.

Bring your laptop to every recitation! We will do programming during most recitations.

Classroom etiquette: No cell phone use in class. Please be respectful of your fellow students and the instructor by being on time to class and communicating in public forums.

Assignments and Grading:

This course will involve a number of take-home assignments and programming projects, a midterm exam and a final exam. Assignments are to be handed in by 11:59pm on the due date through the Blackboard system. Students may discuss and explore general topics with each other, but **each student must do their own work**. The exams will be in-class closed-book.

Grading

The weights of the grades are as follows:

Programming Assignments	42 %
Homeworks	15 %
Midterm Exam	18 %
Final Exam	25 %
Class Participation	5 %

Honor Code

Every student should read about the honor code policy of the school and the department, which is described at: <http://www.cs.unc.edu/Admin/Courses/HonorCode.html>

Email Policy

- Email both **Will and I** about programming and assignment questions. You will get a faster response with two people checking.
- Please include **COMP 110** in the email subject.
- When you email, please **ask specific questions**. Asking simply what is wrong with my program is too vague. Ask about your program problem and what you tried to do to fix it.
- In your email include small snippets of code related to your problem. Sending your entire program is not encouraged. We might glance at the program but not read it in detail. It takes too long.
- Of course, there are exceptions where you might need to send the entire program. It would be helpful if you post the program online and send a link (do not send the program as an attachment).

Late Policy

Late assignments will not be accepted. An assignment is considered late after the announced due date and time, unless otherwise expressed. There will be no make-ups permitted for exams due to a missed class, unless with an appropriate excuse (such as a doctor's note).