

SCHEDULE

ISC 3313 - Introduction to Scientific Computing **Programming Language: C++** Summer Session A 2011

http://people.sc.fsu.edu/~jburkardt/classes/isc_2011/isc_2011_schedule.pdf

Class lab exercises are done during the final 15 minutes of a class, and due at the end of that class period. To get credit for the lab, show the TA that you have completed the work. Lab exercises are intended to be simple warmups for the programming assignments. There is no makeup for a class lab exercise.

Program homework is usually assigned weekly, and due one week later.

The teaching assistant will be available in the lab on Mondays and Fridays, 11:00 to 12:15. The instructor will be available in the lab on Wednesdays, 11:00 to 12:15. You can use these times to ask for help or to work on your programs.

Class	Date	Material
1	May 10	Deitel: 1.7, 1.8, 1.9, 1.14,
2	May 12	Science: Using Unix Intro to Kedit, G++, Gnuplot Class lab 1: Run a Program, Plot the Results
3	May 17	Deitel: Chapter 2, Basic Programming
4	May 19	Science: Evaluating a polynomial Program 1 Due Class lab 2: topic?
5	May 24	Deitel: Chapter 3, Control Statements I
6	May 26	Science: Using random numbers for simulation Program 2 Due Class lab 3: topic?
7	May 31	Deitel: Chapter 4: Control Statements II
8	June 02	Science: Estimating an integral Program 3 Due Class lab 4: topic?

Class	Date	Material
9	June 07	Deitel: Chapter 5: Functions and Recursion
10	June 09	Science: Solving a nonlinear equation Program 4 Due Class lab 5: topic?
11	June 14	Deitel: Chapter 6: Arrays and Vectors
12	June 16	Science: Bisection, Secant, and Newton Methods Program 5 Due Class lab 6: topic?
13	June 21	
14	June 23	Science: Euler's Method for Differential Equations Program 6 Due Class lab 7: topic?
15	June 28	Midterm
16	June 30	Science: The Predator Prey Equations Project Proposal Due No class lab!
17	July 05	Deitel: Chapter 7: Pointers
18	July 07	Science: Interpolation of Data Program 7 Due Class lab 8: topic?
19	July 12	
20	July 14	Science: Program 8 Due Class lab 9: topic?
21	July 19	Deitel: Chapter 8: Sequential Access Files
22	July 21	Science: Program 9 Due Class lab 10: topic?
23	July 26	Deitel: Chapter 9: Classes
24	July 28	Program 10 Due
25	August 02	Project Presentations
26	August 04	Project Presentations