Syllabus

These are the topics I covered at each lecture. All readings are from the text.

	Date	*Topic*	*Readings*
1.	Mar 30	Course introduction, hardware, software, programming	§1.1–1.5
2.	Apr 1	Introduction to Python; IDLE	§1.6–1.9
3.	Apr 3	Software development, identifiers, expressions	§2.1–2.3
4.	Apr 6	Input/output statements, assignment statements	§2.4–2.5
5.	Apr 8	For loops with definite range	§2.6–2.7
6.	Apr 10	Numeric datatypes, representing numbers	§3.1, 3.4
7.	Apr 13	Datatype conversions, math library	§3.2–3.3, 3.5–3.7
8.	Apr 15	Lists, sequences	§4.1–4.3
9.	Apr 17	String and file input/output	§4.4–4.6
10.	Apr 20	*Midterm #1*	*none*
11.	Apr 22	Functions	§6.1–6.2
12.	Apr 24	Function parameters, passing by reference	§6.3–6.4
13.	Apr 27	Function values, functions and program structures	§6.5–6.7
14.	Apr 29	Decision structures	§7.1–7.3
15.	May 1	Exception handling; example program	§7.4–7.6
16.	May 4	Loops in general	§8.1–8.3
17.	May 6	Boolean datatype, uses in loops and conditionals	§8.4–8.6
18.	May 8	Top-down design	§9.1–9.3
19.	May 11	Bottom-up design	§9.4–9.6
20.	May 13	Sequential collections	§11.1–11.2
21.	May 15	Local variables, function calling stacks, basic recursion	*none*
22.	May 18	Non-sequential collections	§11.6
23.	May 20	*Midterm #2*	*none*
24.	May 22	Searching	§13.1
	May 25	*Memorial Day* (no class)	*none*
25.	May 27	Recursion	§13.2
26.	May 29	More recursion	§13.4
27.	Jun 1	Sorting	§13.3
28.	Jun 3	Review session for final	*none*

Midterm Examinations

1. Monday, April 20, in class
2. Wednesday, May 20, in class

Final Examination

Tuesday, June 9, 8:00AM–10:00AM