

Tentative Syllabus

These are the topics I plan to cover at each lecture. All readings are from the text.

Please notice this is a *tentative* syllabus. It may change as the class progresses. If you have any special topics you would like to see me cover, please let me know. I won't promise to cover them, but I will try to.

lec	date	topic	reading
1.	Mon, Jan 8	Introduction to programming	§1
2.	Wed, Jan 10	Variables, expressions, statements	§2.1–2.9
	Mon, Jan 15	<i>University holiday: Martin Luther King, Jr. Day</i>	
3.	Wed, Jan 17	Input and output, type conversion	§2.10–2.13, 4.3
4.	Mon, Jan 22	Conditional statements, exception handling	§3
5.	Wed, Jan 24	Built-in functions, library functions	§4.1, 4.2, 4.4–4.5
6.	Mon, Jan 29	Writing your own functions	§4.6–4.12
7.	Wed, Jan 31	While and for loops, iteration	§5
8.	Mon, Feb 5	Strings and methods	§6
9.	Wed, Feb 7	Recursion	
10.	Mon, Feb 12	File I/O	§7
11.	Wed, Feb 14	All about lists	§8
	Mon, Feb 19	<i>University holiday: Presidents' Day</i>	
12.	Wed, Feb 21	Lists and dictionaries	§9
13.	Mon, Feb 26	Lists, dictionaries, and tuples	§10
14.	Wed, Feb 28	<i>to be arranged</i>	
15.	Mon, Mar 5	More about recursion	
16.	Wed, Mar 7	Advanced exception handling	
17.	Mon, Mar 12	Special topic: XML and python	§13
18.	Wed, Mar 14	Special topic: SQL databases and python	§14

Homework Due Dates

1. Homework 1: due Tuesday, January 23, 2018 at 11:59 p.m.
2. Homework 2: due Tuesday, February 6, 2018 at 11:59 p.m.
3. Homework 3: due Thursday, February 22, 2018 at 11:59 p.m.
4. Homework 4: due Tuesday, March 6, 2018 at 11:59 p.m.
5. Project: due Monday, March 19, 2018 at 12:30 p.m.