

Tentative Syllabus

This is what I plan to cover, and when. It will undoubtedly change as the quarter progresses. If there is a topic you're interested in but not shown, please let me know; I may well change things to cover it. All readings are from the texts unless otherwise indicated.

#	date	topic	notes
1.	Sep 22	Intro to class, programming	<i>Reading: §1</i>
2.	Sep 27	Variables, expressions, assignments, types, input, output	<i>Reading: §2</i>
3.	Sep 29	Conditions, loops	<i>Reading: §3, 5</i>
4.	Oct 4	Output, import, functions	<i>Reading: §4, 6.11</i>
5.	Oct 6	Strings, operations	<i>Reading: §6; homework 1 due</i>
6.	Oct 11	Sets, string methods	<i>Reading: §6</i>
7.	Oct 13	Lists, aliasing, tuples; recursion	<i>Reading: §8</i>
8.	Oct 18	Recursion, random numbers	<i>Reading: §4.5</i>
9.	Oct 20	Files	<i>Reading: §7; homework 2 due</i>
10.	Oct 25	Dictionaries	<i>Reading: §8</i>
11.	Oct 27	Exceptions	
12.	Nov 1	Function arguments, parameter lists	<i>Reading: §4.9</i>
13.	Nov 3	Recursion	
14.	Nov 8	Regular expressions	<i>Reading: §11; homework 3 due</i>
15.	Nov 10	<i>to be arranged</i>	
16.	Nov 15	Floating imprecision, char/int, web	<i>Reading: §12–12.5</i>
17.	Nov 17	Using the web, JSON, XML	<i>Reading: §12.6–12.8, 13</i>
18.	Nov 22	XML, classes and objects	<i>Reading: §13, 14.1–14.3; homework 4 due</i>
—.	Nov 24	no class	Thanksgiving Holiday
19.	Nov 29	Methods and classes part 1	
20.	Dec 1	Methods and classes part 2	
—.	Dec 6		homework 5 (project) due