

## Planned 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.	Oct 1	Intro to programming	<i>Reading: §1</i>
2.	Oct 6	Variables, expressions, types, exceptions	<i>Reading: §2, 3.7</i>
3.	Oct 8	Input, output, importing	<i>Reading: §2.10, 4.4, 6.11</i>
4.	Oct 13	Conditional statements, iteration	<i>Reading: §3, 5</i>
5.	Oct 15	Functions	<i>Reading: §4</i>
6.	Oct 20	More functions	<i>Reading: §4</i>
7.	Oct 22	Sequences, strings, operations	<i>Reading: §6</i>
8.	Oct 27	Methods, string methods	
9.	Oct 29	Lists, aliasing, tuples	<i>Reading: §8</i>
10.	Nov 3	Still more functions, recursion	
11.	Nov 5	Dictionaries	<i>Reading: §8</i>
12.	Nov 10	Files	<i>Reading: §7</i>
13.	Nov 12	Exceptions, randomness, <i>numpy</i>	<i>Reading: §3.7, 7.7</i>
14.	Nov 17	Debugging	
15.	Nov 19	Using Jupyter	
16.	Nov 24	Regular expressions	<i>Reading: §11</i>
—.	Nov 26	<b><i>University holiday (Thanksgiving); no class</i></b>	
17.	Dec 1	Using the web	<i>Reading: §12–12.5</i>
18.	Dec 3	Using the web, JSON, XML	<i>Reading: §12.6–12.8, 13</i>
19.	Dec 8	Methods and classes part 1	
20.	Dec 10	Methods and classes part 2	