

# Tentative weekly schedule

Week	Topic	Readings
1	Course overview. Picobot.	CS for all, 1.1, 1.2
2	Python basics.	CS for all, 2.3, 2.4, 2.5, 2.6
3	The map/reduce paradigm. Filtering. Lambda expressions.	CS for all, 3.2, 3.4, 3.5, 3.6
4	Recursion.	CS for all, 2.7, 2.8, 2.9
5	More recursion ("Use it or lose it").	CS for all, 2.9, 2.10, 2.11
6	Number bases. Binary numbers.	CS for all, 4.2
7	Binary arithmetic. <i>Midterm exam</i>	CS for all, 4.2
8	Gates and circuits.	CS for all, 4.3
9	Computer organization.	CS for all, 4.4
10	Assembly (hmmm).	CS for all, 4.5
11	Iteration in Python.	CS for all, 5.3, 5.4
12	Object-oriented programming.	CS for all, 6
13	Inheritance. Raising exceptions.	See slides
14	Unit testing. <i>Endterm exam</i>	See slides