CS115 - Course Information - Fall 2021

Week	Dates	Topics	Labs	Lab Topics and Exams
1	Sept 22 - 24	Course Introduction	NO LAB	
2	Sept 27 - Oct 1	Intro to Python	NO LAB	
3	Oct 4 - 8	Basics - branching, Strings, input	NO LAB	
4	Oct 11 - 15	Iteration and Numerical Programs	LAB 01	Lab 1: Data and expressions, conditional statements
5	Oct 18 - 22	Functions, Scoping Abstraction	LAB 02	Lab 2: Strings and Loops
6	Oct 25- 29	Global Variables, Modules, Files	NO LAB	No Class Thursday or Friday
7	Nov 1 - 5	Structured Types - Tuples, Ranges, Lists	LAB 03	Lab 3: Functions
8	Nov 8 - 12	Two D Lists	LAB 04	Lab 4: Global variables, modules, and files
9	Nov 15 - 19	Classes and Objects	LAB 05	Lab 5: Lists, Dictionaries, Higher order functions, MIDTERM 1
10	Nov 22 - 26	Inheritance, Recursion	LAB 06	Lab 6: Classes and Objects (no special methods)
11	Nov 29 – Dec 3	Complexity, Sort and Search Algorithms	LAB 07	Lab 7: Inheritance + special methods
12	Dec 6 - 10	Numpy	LAB 08	Lab 8: Search / Sort, Recursion
13	Dec 13 - 17	Plotting and Experimental Data	LAB 09	Lab 9: Numpy
14	Dec 20 - 24	Random Walks	LAB 10	Lab 10: Plotting and Experimental Data
15	Dec 27 - 31	Review	NO LAB	