












































































































































































Week	Date	Lecture	Textbook	Orientation Links	Lab and Discussion Links	Homework & Project
1	Wed 8/26	Computer Science    		    	Lab 00: Getting Started   Tue 9/1	6.15
	Fri 8/28	Functions      	Ch. 1  Ch. 2 			HW 01: Variables & Functions, Control   Thu 9/3
2	Mon 8/31	Control      	Ch. 1.3  Ch. 1.4  Ch. 1.5 	    	Lab 01: Variables & Functions, Control   Tue 9/1	6.16
	Wed 9/2	Higher-Order Functions      	Ch. 1.6 	    	Disc 01: Environment Diagrams, Control 	Hog   Fri 9/1
	Fri 9/4	Environments      	Ch. 1.6 	    	Lab 02: Higher-Order Functions, Lambda Expressions   Tue 9/8	
3	Mon 9/7	No Lecture: Labor Day				
	Wed 9/9	Design      		    	Disc 02: Higher-Order Functions, Self Reference 	6.18
	Fri 9/11	Function Examples      				

4	Mon 9/14	Midterm 1				7.3
	Wed 9/16	Recursion      	Ch. 1.7 	    	Disc 03: Recursion 	Hog   Mon 9/21
	Fri 9/18	Tree Recursion      	Ch. 1.7 			HW 02: Recursion   Thu 9/24
5	Mon 9/21	Containers      	Ch. 2.1  Ch. 2.3 	    	Lab 04: Recursion, Tree Recursion, Python Lists   Tue 9/22	7.5
	Wed 9/23	Data Abstraction      	Ch. 2.2 	    	Disc 04: Tree Recursion, Python Lists, Data Abstraction 	7.7
	Fri 9/25	Trees      	Ch. 2.3 			
6	Mon 9/28	Binary Numbers (optional)   		    	Lab 05: Data Abstraction, Trees   Tue 9/29	7.7
	Wed 9/30	Circuits (optional)   		    	Disc 05: Trees, Binary Numbers 	
	Fri 10/2	Mutable Values      	Ch. 2.4 			HW 03: Trees, Data Abstraction   Thu 10/8

7	Mon 10/5	Mutable Functions      	Ch. 2.4 	    	Lab 06: Nonlocal, Mutability   Tue 10/6	7.9
	Wed 10/7	Iterators      	Ch. 4.2 	    	Disc 06: Nonlocal, Mutability, Iterators 	7.10
	Fri 10/9	Objects      	Ch. 2.5 			HW 04: Nonlocal, Iterators   Thu 10/15
8	Mon 10/12	Inheritance      	Ch. 2.5 	    	Lab 07: Object-Oriented Programming, Iterators   Tue 10/13	7.21
	Wed 10/14	Representation      	Ch. 2.7 	    	Disc 07: Object-Oriented Programming 	7.24
	Fri 10/16	Composition      	Ch. 2.9 			HW 05: Object-Oriented Programming, Linked Lists, Trees   Mon 10/26

9	Mon 10/19	Efficiency (optional) Video Q&A full 1pp 8pp 22.py 22.ipynb	Ch. 2.8	2pm 2pm-NPE 6pm 7pm-NPE 9pm	Lab 08: Linked Lists, Mutable Trees 🕒 Tue 10/20	
	Wed 10/21	Decomposition Video Q&A full 1pp 8pp 23.py 23.zip		2pm 2pm-NPE 6pm 7pm-NPE 9pm	Disc 08: Linked Lists, Trees, Representation	
	Fri 10/23	Data Examples Video Q&A full 1pp 8pp 24.py				
	Sat 10/24				Lab 09: Midterm Review 🕒 Tue 10/27	
10	Mon 10/26	Users (optional) Video Q&A		2pm 2pm-NPE 6pm 7pm-NPE 9pm		
	Wed 10/28	Midterm 2				
	Fri 10/30	Ethical AI & Data (optional) Video				

11	Mon 11/2	Scheme Video Q&A full 1pp 8pp 27.scm	Ch. 3.1 Ch. 3.2	2pm 2pm-NPE 6pm 7pm-NPE 9pm	Lab 10: Scheme 🕒 Wed 11/4	HW 06: Scheme 🕒 Thu 11/5
	Wed 11/4	Exceptions Video Q&A full 1pp 8pp 28.py	Ch. 3.3	2pm 2pm-NPE 6pm 7pm-NPE 9pm	Disc 10: Scheme, Scheme Lists	
	Fri 11/6	Calculator Video Q&A full 1pp 8pp 29.scm 29.zip	Ch. 3.4			HW 07: Scheme Lists 🕒 Thu 11/12
12	Mon 11/9	Interpreters Video Q&A full 1pp 8pp	Ch. 3.5	2pm 2pm-NPE 6pm 7pm-NPE 9pm	Lab 11: Interpreters 🕒 Tue 11/10	Scheme 🕒 Tue 11/24 Scheme Challenge Version 🕒 Tue 11/24
	Wed 11/11	No Lecture: Veterans Day			Disc 11: Interpreters	
	Fri 11/13	Declarative Programming Video Q&A full 1pp 8pp 31.sql	Ch. 4.3			HW 08: Scheme 🕒 Thu 11/19
13	Mon 11/16	Tables Video Q&A full 1pp 8pp 32.sql	Ch. 4.3	2pm 2pm-NPE 6pm 7pm-NPE 9pm	Lab 12: SQL 🕒 Tue 11/17	Scheme Contest 🕒 Mon 11/30
	Wed 11/18	Aggregation Video Q&A full 1pp 8pp 33.sql	Ch. 4.3	2pm 2pm-NPE 6pm 7pm-NPE 9pm	Disc 12: SQL	
	Fri 11/20	Databases (optional) Video Q&A full 1pp 8pp 34.py 34.sql	Ch. 4.3			HW 09: SQL 🕒 Thu 12/3

14	Mon 11/23	Tail Calls (optional) Video Q&A full 1pp 8pp		2pm 2pm-NPE 6pm 7pm-NPE 9pm	Lab 13: More SQL 🕒 Tue 11/24	
	Wed 11/25	No Lecture: Thanksgiving				
	Fri 11/27	No Lecture: Thanksgiving				
15	Mon 11/30	Macros (optional) Video Q&A full 1pp 8pp 36.scm		2pm 2pm-NPE 6pm 7pm-NPE 9pm	Lab 14: Final Review 🕒 Tue 12/1	
	Wed 12/2	Final Examples Video Q&A full 1pp 8pp 37.py		2pm 2pm-NPE 6pm 7pm-NPE 9pm	Disc 14: Final Review	
	Fri 12/4	Conclusion Video Q&A				HW 10: Finale 🕒 Sun 12/13 Scheme Gallery 🕒 Sun 12/13
16	Thu 12/17	Final (3-6 PM)				