



Schedule

This schedule is tentative and may change.

Date	Topic	Materials
August 21	Course Introduction, Intro. to Python	<ul style="list-style-type: none">IntroductionIntroduction to Python
August 23	Control Flow, Quiz 1	<ul style="list-style-type: none">Control Flow
August 28	Git	<ul style="list-style-type: none">Introduction to Git
August 30	Comprehensions, Functions, File I/O	<ul style="list-style-type: none">Comprehensions
September 6	OOP in Python, Quiz 2	<ul style="list-style-type: none">Object-Oriented Programming in PythonExample: Data Loaders in Python
September 11	Additional Packages	<ul style="list-style-type: none">NumPy: BasicsNumPy: Shape ManipulationNumPy: Copies and Views
September 13	Exam 1 Review	<ul style="list-style-type: none">Python Review Questions
September 18	Exam 1	
September 20	CANCELLED	
September 25	Introduction to Algorithms	<ul style="list-style-type: none">Introduction to Algorithms
September 27	Complexity Analysis	<ul style="list-style-type: none">Complexity Analysis
October 2	Introduction to Data Structures	<ul style="list-style-type: none">Introduction to Data Structures
October 4	Stacks, Queues, and Linked Lists	<ul style="list-style-type: none">Stacks and Queues
October 9	Hash Maps, Quiz 3	<ul style="list-style-type: none">Hash Maps
October 11	Binary Search Trees	<ul style="list-style-type: none">Binary Search Trees
October 16	Red-Black Trees	<ul style="list-style-type: none">Red-Black Trees
October 18	Introduction to Graphs	<ul style="list-style-type: none">Intro. to Graphs
October 23	Minimum Spanning Trees, Quiz 4	<ul style="list-style-type: none">Minimum Spanning Trees
October 25	Single-Source Shortest Paths	<ul style="list-style-type: none">Single-Source Shortest Paths
October 30	Introduction to Databases	<ul style="list-style-type: none">Introduction to Databases
November 1	Structured Query Language	<ul style="list-style-type: none">Structured Query Language
November 6	Exam 2 Review	
November 8	Exam 2	

Date	Topic	Materials
November 13	Advanced SQL	<ul style="list-style-type: none">Structured Query Language
November 15	Distributed Databases	<ul style="list-style-type: none">Distributed Databases
November 20	NOSQL, Quiz 5	<ul style="list-style-type: none">NOSQL

NEXT
[Course Materials](#)

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