

Date	Day	Class	Assignment Due	
14-Jan	W	B1-C01 Introduction		1
15-Jan	Th	L1 Mergesort		2
16-Jan	F	B1-C01 Introduction		3
19-Jan	M	MLK Jr. Service Day		
21-Jan	W	B1-C02 Asymptotic Notation		4
22-Jan	Th	L2 Fast exponentiation	L1 Mergesort	5
23-Jan	F	DS-V01 A vector/list class P1 introduction		6
26-Jan	M	B1-C03 Divide and Conquer Algorithms		7
28-Jan	W	B1-C03 Divide and Conquer Algorithms		8
29-Jan	Th	L3 Radix sort / OS2: Sorting Comparisons	L2 Fast exponentiation	9
30-Jan	F	B1-C05 Quicksort		10
2-Feb	M	B1-C05 QS B1-C06 Linear-Time Selection		11
4-Feb	W	B1-C06 Linear-Time Selection		12
5-Feb	Th	Test 1: Book 1	L3 Radix sort	13
6-Feb	F	DS-SQ Stacks and Queues	P1 Algorithms Demo	14
9-Feb	M	DS-SQ Stacks and Queues		15
11-Feb	W	B2-C08 Peg game problem		16
12-Feb	Th	L4 Infix to Postfix		17
13-Feb	F	B2-C07 Graphs: The Basics	OS2: Sorting Comps	18
16-Feb	M	B2-C08 Graph Search and Its Applications		19
18-Feb	W	<i>Bible Conference</i>		
23-Feb	M	B2-C08 Graph Search and Its Applications		20
25-Feb	W	B2-C08 Graph Search and Its Applications		21
26-Feb	Th	L5 Expression Trees	L4 Infix to Postfix	22
27-Feb	F	B2-C09 Dijkstra's Shortest Path		23
2-Mar	M	B2-C10 The Heap Data Structure		24
4-Mar	W	B2-C10 The Heap Data Structure		25
5-Mar	Th	L6 Heap Apps / OS1a - contest problems	L5 Expression Trees	26
6-Mar	F	B2-C1X Heap variations	P2: Path through a Maze	27
9-Mar	M	B3-C13 Intro to Greedy Algorithms		28
11-Mar	W	B3-C15 Minimum Spanning Trees		29
12-Mar	Th	Test 2: Book 2, Chapters 7-10	L6 Heap Applications	30
13-Mar	F	Test 2: Book 2, Chapters 7-10	OS1: Contest Problems	31
16-Mar	M	L8 Prims		32
18-Mar	W	B3-C15 Minimum Spanning Trees		33
19-Mar	Th	L7 Disjoint Sets		34
20-Mar	F	B2-C11 Search Trees		35
23-Mar	M	<i>Spring Break</i>		
30-Mar	M	B2-C11 Search Trees		36
1-Apr	W	B2-C11 Search Trees	L8 Prims	37
2-Apr	Th	B2-C12 Hashing	L7 Disjoint Sets	38

3-Apr	F	L9 Mind Reader	P3: Kruskals MWST	39
6-Apr	M	B2-C12 Hashing		40
8-Apr	W	B2-C12 Bloom Filters		41
9-Apr	Th	Test 3: Books 2/3, Chapters 11-13, 15		42
10-Apr	F	B3-C16 Intro to Dynamic Programming		43
13-Apr	M	B3-C16 Intro to Dynamic Programming		44
15-Apr	W	University Service Day		
16-Apr	Th	L10 OBST		45
17-Apr	F	B3-C17 Advanced Dynamic Programming		46
20-Apr	M	B3-C17 Advanced Dynamic Programming		47
22-Apr	W	B3-C18 Shortest Paths Revisited		48
23-Apr	Th	B3-C18 Shortest Paths Revisited	L10 OBST	49
24-Apr	F	B3-C18 Shortest Paths Revisited		50
27-Apr	M	B3-C14 Huffman Codes		51
29-Apr	W	Final Review 1		52
30-Apr	Th	OS3: Object selection test	L9 Mind Reader	53
1-May	F	Final Review 2	P4: OBST	54

<https://www.bju.edu/events/calendar/exams.php#spring>