

CSIT 254-51V Data Structures CRN 27556

Spring 2021

Class Schedule 0.2

Section Info: Wednesday 5:30 pm - 10:15 pm Remote Synch via Zoom

Version

- Version 0.2 - 1/18/2021 - changed drop date
- Version 0.1 - 1/14/2021 - changed assignment names to include ch num
- Version 0.0 - 1/9/2021 - First Draft

Consult the syllabus for Grade Determinants (what everything is worth), Compiling Policy, Late Policy(not accepted late), and Cheating Policy (don't cheat)

Class Schedule

Week #	Date Wed	Topic(s) (pdfs of slides in Canvas)	Work Due (details in Canvas)
1	1/20	Course Overview Ch 2 Classes	1/20 Data Struc. Lab for Ch 02 Classes Prog Lab for Ch 02 Writing a Class
2	1/27	Ch 1 Run-Time Analysis	1/27 <i>Hw for Ch 02-Classes</i> Data Struc. for Ch 01 Lab Run-Time Prog Lab 02 Java Review
3	2/3	Ch 3 Collection Classes	2/3 <i>Hw for Ch 01-Big-O()</i> Prog Lab for Ch 03 Collection Class
4	2/10	Ch 4 Linked Lists (Singly-Linked)	2/10 <i>Hw for Ch 03-Collection Classes</i> Data Struc. Lab for Ch 04A Singly-Linked List Prog Lab for Ch 04 A -StringNode for Singly Linked Lists Project 01 - Class

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5	2/17	Ch 4 cont. (Doubly-Linked)	2/17 <i>Hw for Ch 04-Linked Lists</i> Data Struc. Lab for Ch 04B Doubly Linked List Prog Lab for Ch 04 B Singly Linked Lists
6	2/24	Ch 5 Writing Generic Classes	2/24 Prog Lab for Ch 05 Generic Doubly Linked Lists
7	3/3	Midterm Exam (15%) Ch 6 Stacks Ch 7 Queues	3/3 Midterm Exam <i>Hw for Ch 05-Generic Classes</i> Data Struc. Lab for Ch 06 Stacks Data Struc. Lab for Ch 07 Queues
	3/10	<i>No class - Spring Break</i>	
8	3/17	Ch 8 Recursion and Merge Sort	3/17 <i>Hw for Ch 06/07-Stacks/Queues</i> Data Struc. Lab for Ch 08 Recursion Prog Lab for Ch 06/07 Stacks/Queues <i>Project 2: Linked List of Objects</i>

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9	3/24	Ch 9/10 Binary Search Trees	3/24 <i>Hw for Ch 08-Recursion</i> Data Struc. Lab for Ch 09/10 Trees P1 Prog Lab for Ch 09/10 A - BSTNode for Binary Search Trees
10	3/31	Ch 9/10, cont.	3/31 <i>Hw for Ch 09/10-Trees</i> Data Struc. Lab for Ch 09/10 Trees P2 Prog Lab for Ch 09/10 B Binary Search Trees
11	4/7	Ch 14 Graphs	4/7 Data Struc. Lab for Ch 14 Graph Prog Lab for Ch 14 A Graphs Pt 1 Project 3: Queues
		Note: 4/8 last day to drop	
12	4/14	Ch 14, cont.	4/14 <i>Hw for Ch 14-Graphs</i> Prog Lab for Ch 14 B Graphs Pt 2
13	4/21	Ch 11/12 Sort/Search - Hash	4/21 Data Struc. Lab for Ch 11/12 Hash

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14	4/28	Lab time for last project	4/28 <i>Hw for Ch 11/12 - Sort / Search / Hash</i> Project 4 - Using Multiple Data Structures
		Note: 5/4 is Reading Day	
		Note: Final Exam period 5/5 - 5/11	
	5/5	6:00-8:00 Final Exam (25%)	5/5 6:00-8:00 Final Exam

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