

CSIT 254-01V Data Structures - CRN 27555

Spring 2021 - Class Schedule 0.2

Section Info: Tuesday/Thursday 2:30 pm - 4:50 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 - 1/3/2021 - 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 Tue Thur	Topic(s) (pdfs of slides in Canvas)	Work Due (details in Canvas)
1	1/19	Course Overview Ch 2 Classes	1/19 Data Struc. Lab for Ch 02 Classes
1	1/21	Ch 2 cont and Lab time	1/21 Prog Lab for Ch 02 Writing a Class
2	1/26	Ch 1 Run-Time Analysis	1/26 <i>Hw for Ch 02-Classes</i> Data Struc. Lab for Ch 01 Run-Time
2	1/28	Ch 1 cont and Lab time	1/28 Prog Lab 02 Java Review
3	2/2	Ch 3 Collection Classes	2/2 <i>Hw for Ch 01-Big-O()</i>
3	2/4	Ch 3 cont and Lab time	2/4 Prog Lab for Ch 03 Collection Class
4	2/9	Ch 4 Linked Lists (Singly-Linked)	2/9 <i>Hw for Ch 03-Collection Classes</i> Data Struc. Lab for Ch 04 A Singly-Linked List

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4	2/11	Ch 4 cont and Lab time	2/11 Prog Lab for Ch 04 A -StringNode for Singly Linked Lists Project 01 - Class
5	2/16	Ch 4 cont. (Doubly-Linked)	2/16 <i>Hw for Ch 04-Linked Lists</i> Data Struc. Lab for Ch 04B Doubly Linked List
5	2/18	Ch 4 cont and Lab time	2/18 Prog Lab for Ch 04 B Singly Linked Lists
6	2/23	Ch 5 Writing Generic Classes	2/23
6	2/25	Ch 5 cont and Lab time	2/25 Prog Lab for Ch 05 Generic Doubly Linked Lists
7	3/2	Midterm Exam (15%)	3/2 Midterm Exam
7	3/4	Ch 6 Stacks Ch 7 Queues	3/4 <i>Hw for Ch 05-Generic Classes</i> Data Struc. Lab for Ch 06 Stacks Data Struc. Lab for Ch 07 Queues
	3/9 3/11	No Class - Spring Break	
8	3/16	Ch 8 Recursion and Merge Sort	3/16 <i>Hw for Ch 06/07-Stacks/Queues</i> Data Struc. Lab for Ch 08 Recursion

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8	3/18	Ch 8 cont	3/18 Prog Lab for Ch 06/07 Stacks/Queues Project 2: Linked List of Objects
9	3/23	Ch 9/10 Binary Search Trees	3/23 <i>Hw for Ch 08-Recursion</i> Data Struc. Lab for Ch 09/10 Trees P1
9	3/25	Ch 9/10 cont	3/25 Prog Lab for Ch 09/10 A - BSTNode for Binary Search Trees
10	3/30	Ch 9/10 cont	3/30 <i>Hw for Ch 09/10-Trees</i> Data Struc. Lab for Ch 09/10 Trees P2
10	4/1	Ch 9/10 cont	4/1 Prog Lab for Ch 09/10 B - Binary Search Trees
11	4/6	Ch 14 Graphs	4/6 Data Struc. Lab for Ch 14 Graph
		Note: 4/8 last day to drop	
11	4/8	Ch 14 cont	4/8 Prog Lab for Ch14 A Graphs Pt 1 Project 3 - Queues

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12	4/13	Ch 14 cont	4/13 <i>Hw for Ch 14-Graphs</i>
12	4/15	Ch 14 cont	4/15 Prog Lab for Ch14 B Graphs pt 2
13	4/20	Ch 11/12 Sort/Search - Hash	4/20 Data Struc. Lab for Ch 11/12 Hash
13	4/22	Lab time for last project	4/22
14	4/27	Lab time for last project	4/27 <i>Hw for Ch 11/12 - Sort / Search / Hash</i>
14	4/29	Lab time for last project	4/29 Project 4 - Using Multiple Data Structures
	5/4	No Class - Reading Day	
		Note: Final Exam period 5/5 - 5/11	
	5/6	12:30-2:30 - Final Exam (25%)	5/6 Final Exam

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